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RECEIVED MAR 1 1915 ECONOMIC COLLECTIONS

SCHISLER-CORNELI SEED CO.

1915

813-815 N. FOURTH ST.
ST. LOUIS, MISSOURI

Catalog of Seeds

1915

Schisler-Corneli Seed Co.

813-815 N. Fourth Street

Saint Louis

To Our Friends and Patrons

As is customary at this time of year we present you with our annual catalogue. Thanking our customers for their liberal patronage and recommendations in the past.

It is our ambition as seed men to offer our customers nothing but the best, and we believe that, through our long and extensive experience, we have obtained an unequaled knowledge of the habits and character of garden vegetables and flowers, and of the soil and climate conditions essential to the production of seeds of the highest type.

Being possessed of facilities to have our Seeds grown by only the best American and European growers, each item in a climate and soil best suited to bring it to the highest perfection, we solicit your orders, confident of giving perfect satisfaction.

REMARKS TO PURCHASERS

CASH WITH ORDER. Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your order. When only a part is remitted goods will be sent only to amount of remittance. We do not send any goods C. O. D.

REMITTANCES. Remittances should be made by Post Office Money Orders, Bank Drafts or Express Money Orders. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage.

FORWARDING. If the money is sent with the order and received by us, we guarantee the safe arrival of all packages; but we cannot assume any responsibility for delay in transit. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. In ordering do not fail to give full shipping directions. When such are omitted we shall use or best judgment and will forward by **Express, Railroad or Mail,** as may seem to us most advisable.

NAME AND ADDRESS. Please remember to write your **Name, Rural Route, Post Office, County and State,** also give number street or P. O. Box as distinctly as possible, to facilitate execution and prevent error; also give name of your nearest Express Office or Railroad Station.

WARRANTY. While we feel that it is to our interest to furnish customers with good seeds, yet we cannot guarantee a good crop in every case, as this is dependent upon natural causes, which are beyond our control. But we do guarantee that all seeds sold by us are first-class, pure and of strong germinating power. However, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

The freshest Seeds may sometimes fail; hence the value of this precaution to send out none but good seeds. We know with proper treatment our Seeds will grow, and, by following the cultural directions given, though brief, the least experienced cultivator cannot fail to have success.

We respectfully solicit your trade, and hoping to receive your orders, we are,

Yours truly,

SCHISLER-CORNELI SEED CO.

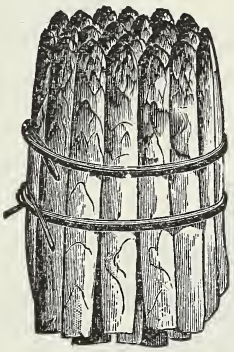
813-815 North Fourth Street, ST. LOUIS, MO.

SCHISLER-CORNELI SEED COMPANY

BEN. P. CORNELI, President. ADOLPH CORNELI, Sec'y and Treas.

Asparagus. Spargel.

One ounce to 60-foot drill.



CONOVER'S COLOSSAL. A large and rapid grower of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

PALMETTO. A very early and prolific variety producing an abundance of large, thick, very tender stalks. ¼ lb., 15c; lb., 50c.

COLUMBIAN WHITE MAMMOTH. A distinct variety producing shoots which are white and remain so as long as it is fit for use; robust and vigorous in habit. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

ARGENTEUIL. Very early and exceedingly popular wherever grown. The stalks grow to an enormous size, cook tender and are of delicious flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

Broccoli. Broccoli.

One ounce will produce about 2,500 plants.

Growth and habit like the Cauliflower, except that it is more hardy, and the heads are not as compact. Cultivate same as Cauliflower.

EARLY LARGE WHITE. Well known. Pkt., 5c; oz., 30c.

Brussels Sprouts.

Sprossen-Kohl.

One ounce will produce about 2,500 plants.

This vegetable is highly esteemed for boiling during late fall and winter months.

PERFECTION. Plants grow about 2 feet high. Stems thickly set with sprouts. Pkt., 5c; oz., 20c; ¼ lb., 60c.

ROOTS

Asparagus

Price—per 100, 75c; per 1,000, $6.00.

How to Plant an Asparagus Bed. (See Miscellaneous Roots, page 27.)

Horse Radish.

Price—20c per doz. by mail (postpaid); per 100, 75c; per 1,000, $5.00.

Rhubarb.

Price—per doz., $1.50.

Special prices on application.

SPECIAL NOTICE. We are in the market at all times for **Clover, Timothy, Millet, Hungarian** and other **Grass** and **Field Seeds;** also **Pop Corn, Rye, etc.** In offering to us any of the foregoing seeds, mail large samples of what you have to offer, with your address plainly written on each sample, and state quantity you can furnish, and, on receipt of samples and if in need of what you offer, we will name price.

Beans—Bush Dwarf, or Snap. Buschbohnen.

One Quart to 100 feet drill; 2 bushels to the acre in drill.

Plant when all danger of frost is over. Drop the beans two of three inches apart, in rows standing eighteen inches to two feet apart. Hoe often—never when the vines are wet, or they will rust—drawing the earth slightly toward them; and at least once before they blossom. As they require but six to eight weeks to make green pods, they can be sown as late as September 1st.

Prices per bushel on application.

If to be sent by mail, 10 cents per quart must be added to prepay postage.

Dwarf Green Podded Sorts

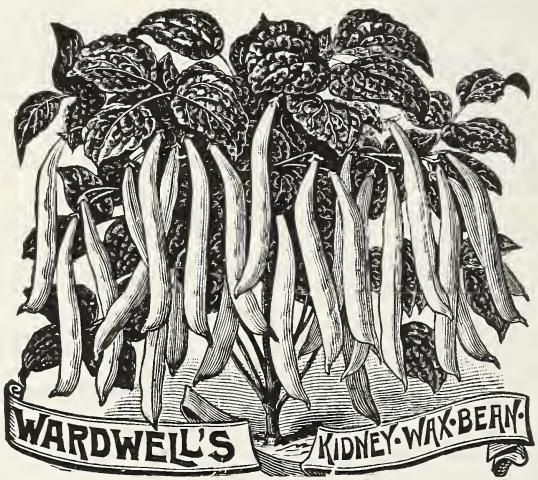
EXTRA EARLY ROUND POD VALENTINE. Usually ready to pick in thirty-five days after planting. Pods round, thick and fleshy, of finest quality and unequaled in uniformity of ripening; one of the most profitable sorts for gardeners. Pkt., 5c; quart, 30c; peck, $2.00.

MAMMOTH STRINGLESS GREEN POD. This bean is absolutely stringless; pods are round and full, fleshy, and quality unsurpassed. Pkt., 5c; qt., 40c; pk., $2.25.

Dwarf Wax Podded Sorts.

IMPROVED GOLDEN WAX. The standard variety for general use. Pods long, nearly straight broad flat, golden-yellow, very fleshy and wax-like, cooking quickly as snaps, or shelling well when green. Pkt., 5c; quart, 50c; peck, $2.50.

IMPROVED GERMAN BLACK WAX. One of the best of the yellow wax or golden podded varieties Pods round, meaty, curved and borne in branches,



STRINGLESS GREEN POD. Large, handsome pods, some of which measure fully 6 inches in length. The plants are very productive, bearing green pods which are perfectly round, straight, broad, brittle, of fine flavor, fleshy and entirely stringless. Pkt., 5c; qt., 50c; peck, $2.50.

LONGFELLOW. A round, green-podded bean. It is early and a heavy yielder. Pkt., 5c; qt., 50c; pk., $2.50.

EXTRA EARLY REFUGEE. Large, productive, hardy, tender, fleshy pods. Pkt., 5c; qt., 25c; pk., $1.50.

EARLY LONG YELLOW SIX WEEKS. Extra early; pods green, straight and flat. Pkt., 5c; qt., 30c; peck, $2.00.

BLACK VALENTINE For early and late planting; extremely hardy; round, fleshy pod; good yielder and excellent shipper. Pkt., 5c; qt., 40c; peck, $2.50.

ready for the table in about forty days from germination. Pkt., 5c; quart, 50c; peck, $2.50.

WARDWELL'S KIDNEY WAX. Producing a large crop of long, nearly straight, handsome, white, wax-like pods. They ripen about the same time as the Golden Wax. Market gardeners find this a profitable variety. Pkt., 5c; qt., 50c; pk., $2.50.

DAVIS WHITE KIDNEY WAX. Clear, white, kidney-shaped seed. The pods are very long, oval, clear waxy white, entirely stringless. This bean is sure to become very popular. Pkt., 5c; quart, 50c; peck, $2.50.

CURRIE'S RUST-PROOF BLACK WAX. Pods long, flat and straight, of a beautiful golden color. Pkt., 5c; qt., 50c; peck, $2.50.

Pole Beans. Stangenbohnen.

One quart will plant 100 to 125 hills.

Prices per bushel upon application.

If to be sent by mail, add 10 cts. per quart to prepay postage.

The planting of the various sorts of pole beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas and Sievas, being very tender, will do better if not planted before the first of May. Plant in hills about three feet apart, and one to two inches deep, using five or six seed to each hill, and set a pole firmly in the center.

WHITE DUTCH CASE KNIFE. A splendid green shell bean, also a fine dry bean for winter use. Pkt., 5c.

LAZY WIVES. The pods grow from six to eight inches long, entirely stringless, of a rich buttery flavor; a good white shell bean for winter use. Pkt., 5c; quart, 30c; peck, $2.00.

WHITE CORNFIELD OR CORN HILL. Used for planting among corn, one of the best for this section. Pkt., 5c; quart, 50c; peck, $2.50.

KENTUCKY WONDER, OR OLD HOMESTEAD. Enormously productive, pods hanging in great clusters from top to bottom of pole. It is entirely stringless, and the pods are a silvery green color. Pkt., 5c; qt., 30c; peck, $2.00.

HORTICULTURAL CRANBERRY. Round, speckled; tender for snap beans. Pkt., 5c; qt., 30c; pk., $2.00.

SOUTHERN PROLIFIC. Popular in the South. Pods green, long, fleshy, crisp and excellent. Pkt., 5c; quart, 30c; peck, $2.00.

WHITE CREASE-BACK. One of the earliest and most productive pole beans, bearing round, fleshy pods in large clusters. The seeds are pure white and can be used as a shell-bean. Pkt., 5c; qt., 30c; peck, $2.00.

GOLDEN CLUSTER WAX. Pods six to eight inches long, stringless, very tender and of delicious flavor. Pkt., 5c; quart, 50c; peck, $2.50.

RED SPECKLED CUT SHORT POLE BEAN. A very popular variety and largely in demand for planting among corn; it will give a splendid crop. Pkt., 5c; quart, 30c; peck, $2.00.

Pole Lima Beans.

EXTRA EARLY JERSEY LIMA. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness. Pkt., 5c; qt., 25c; pk., $1.75.

LARGE WHITE LIMA. One of the best shell beans grown; matures in ninety days; very popular. Our seeds of this variety are extra selected, large and fine. Pkt., 5c; qt., 30c; pk., $1.75.

SMALL WHITE LIMA OR SIEVA Early with small thin flat beans kidney shaped. Pkt., 5c; qt., 30c; pk., $1.75.

English Beans. Puff-Bohnen.

Planted in the spring as early as the ground will permit. Plant in rows two feet apart in good soil.

BROAD WINDSOR. Best for general use Quart, 25c; peck, $1 50

Dwarf Bush Lima.

HENDERSON'S Only eighteen inches high, compact, bushy habit. Is at least two weeks earlier than the pole Limas; very tender. Pkt., 5c; qt., 40c; pk., $2.25.

BURPEE'S BUSH LIMA. A true bush of the Large Lima Bean, growing 20 inches high, very early. The beans are as large as the Large Lima, and more tender and succulent, remain longer green after maturing. Pkt., 5c; qt., 40c; pk., $2.25.

Beet. Rothe Rüben.

One ounce to 50 feet of drill; 5 to 6 lbs. to the acre in drills.

Sow as early in the spring as the ground can be worked, in light, well manured soil, in drills twelve inches apart, covering the seeds one inch deep, and pressing soil firmly over them. Thin out four inches apart for the table beet; cultivate often. If wanted very early, sow in hot beds and transplant, cutting off the outer leaves. For winter use, the late varieties may be sown from June to August.

NEW CRIMSON GLOBE BEET. Here is a beauty. A beet that you have long been looking for. The root is not large, averaging three inches in diameter, is quite round, and deep rich crimson color. Packet 5c.; 1 ounce, 10c.; ¼-lb., 30c.; 1 lb., 85c.

EDMAND'S. CROSBY'S

ECLIPSE. EGYPTIAN.

ECLIPSE. An excellent variety, of a uniform globular shape, very small top, skin, and of delicious flavor, Pkt., 5c; oz., 10c.; ¼-lb., 30c.; lb., 85c.

EGYPTIAN EARLY DARK RED. One of the best varieties for forcing, and is also excellent for first early crop out of doors, being very early with small top. Roots dark red flat, with small tap roots; flesh dark red tender when young. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., 85c.

CROSBY'S EGYPTIAN DARK RED. An improved strain of the Egyptian beet. It is much thicker than the original strain, quite as early, of better color and quality. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

EDMAND'S EARLY BLOOD TURNIP. One of the most uniform of all Turnip beets, with very small tops of bronzy red. The bulbs are handsome and round, very smooth, and of good marketable size. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

EARLY BLOOD TURNIP. Flesh dark red color, a standard round variety. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

LONG SMOOTH BLOOD RED. A long smooth winter variety, growing to a good size, half out of the ground; color dark blood-red; sweet, tender and keeps well. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

SWISS CHARD OR SEA KALE BEET. This variety is cultivated solely for its leaves, which are used like spinach; the mid leaf is served up like asparagus. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

DETROIT DARK RED. Turnip-shaped; has small upright tops; skin is smooth and dark blood red; very crisp, tender and sweet. Matures early. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

MANGEL WURZEL. They give immense crops, are easily raised, harvested and kept through the winter. Sow in drills thirty inches apart, on rich, well prepared ground early in the spring. Cultivate well, and thin to eight inches in the row. For winter store in pits or cellar as soon as heavy frost is feared. From four to six pounds will sow an acre.

GOLDEN TANKARD. Half long, nearly uniform diameter from top to bottom. Per oz., 5c.; per lb., 50c.; in lots of 10 lbs. at 40c.

MAMMOTH LONG RED. Grows to an enormous size. Per oz., 5c.; per lb., 50c.; in lots of 10 lbs., at 40c.

ORANGE YELLOW GLOBE. Large size and good color. Per oz., 5c.; per lb., 50c.; in lots of 10 lbs., at 40c.

VILMORIN'S IMPROVED SUGAR BEET. A medium sized white sugar beet, and a heavy cropper, highly recommended for feeding purposes. Per oz., 10c.; ¼-lb., 25c.; lb., 65c.

Cabbage. Kopfkohl — Weiß-Kraut.

One ounce will produce 2,000 plants.

CULTURE. The requirements for a good crop are a rich soil, deep plowing, high-manuring, good seed and thorough after culture. For early use, sow seed of the early kinds in a hot-bed, early in February, and transplant them in the open ground in March and April, in rows two feet apart and eighteen inches between the plants in the rows or sow in a seed-bed outside as soon as the soil can be worked, if you do not care for real early cabbage These may be transplanted in about four weeks For second early cabbage sow in March and transplant in April. For late cabbage sow in May and transplant in June, in rows three feet apart in the row Hoe every week and stir the ground very deep As they advance in growth, draw a little earth to the plants until they begin to head. To prevent the splitting or bursting of cabbage, go frequently over the ground and start every cabbage that appears about to mature by loosening the roots, which will check the growth

Very Early Cabbages,

EARLY JERSEY WAKEFIELD. It is the earliest variety that a market gardener can possibly grow, and very productive The heads are somewhat pointed ,and keep firm for a long time. This variety has long been adopted by the best market gardeners Our strain is from the very best heads, and market gardeners will find it is the best to be had Pkt , 5c; oz. 20c; ¼-lb . 65c; lb , $2 25.

EARLY SPRING. Extra-Early Flat-Headed Variety. As early as Early Jersey Wakefield. Yields one-third more than any other extra early cabbage on the same space of ground It has the peculiarity of heading firmly even before fully grown; it is also flat-headed, making it a valuable variety for extra-early market or home use. Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., $2.25.

FIRST EARLY. A round flat-headed cabbage as early as Wakefield and more productive. Very uniform in shape. It has very few small outer leaves. Pkt., 5c; oz . 25c; ¼-lb.. 75c; lb , $2 25.

LARGE OR CHARLESTON WAKEFIELD. This variety is about six days later than Early Jersey Wakefield The heads are fully one-half larger It is very compact in growth and can easily be planted in rows two feet apart and twenty inches in the rows. One great advantage is, it does not burst open when ripe, like many other standing on the ground a long while without injury, until a favorable opportunity for cutting Pkt , 5c; oz , 20c; 1-4 lb . 65; lb., $2 25.

EARLY DRUMHEAD. An old well-known variety. Pkt 5c; oz 15c; ¼-lb., 50c; lb., $1 50.

EARLY DWARF FLAT DUTCH. An excellent second early variety, having flat, compact heads, of fine flavor and connects the early varieties with the Drumhead. Pkt., 5c; oz., 15c; 1-4 lb . 50c; lb . $1 50

EARLY LARGE YORK. An old favorite, the heads are small, round, and firm. Pkt., 5c; oz., 15c; 1-4 lb . 50c; lb , $1 50

HENDERSON'S EARLY SUMMER. Is about eight days later than the Wakefield but being fully double the size, it is decidedly the best large cabbage, and is deservedly popular with market gardeners Pkt., 5c; oz . 15c; ¼-lb , 50c; lb . $1 50

COPENHAGEN MARKET. A new extra early variety, large, solid, round, perfectly formed heads, of compact growth; excellent bearer and of unequaled flavor. Pkt., 10c; oz., 65c.

IMPROVED WHITE BRUNSWICK, SHORT-STEMMED (FOTTLER'S). Head large, very flat, compact and solid, and of fine quality. It is universally grown by St. Louis market gardeners to succeed the earliest varieties, also for a late crop. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.50.

ALL SEASON OR SUREHEAD. This sort is now most universally grown by market gardeners and truckers but is also an excellent variety for home growing. Heads very large, round, but usually somewhat flattened; very solid, and of the best quality marketable for its ability to stand hot sun and dry weather. One of the best sorts for general cultivation. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.50.

AMERICAN DRUMHEAD. The most popular variety for the winter market. It has no superior, and is more extensively grown than any other; is tender and well flavored. It is a fall and winter variety, and one of the very best to keep. Select quality. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., $1.50.

ST. LOUIS LATE MARKET. Finest and best late cabbage; different from all other varieties; stands longer in the field without bursting; excellent keeper and shipper. Pkt., 5c.; oz., 20c.; ¼-lb., 75c.; lb., $2.50.

HOLLANDER CABBAGE. As this variety is very hardy, very handsome, very solid, one of the best keepers, and of fine quality, it is one of the best for growing for distant markets, or for late spring use. Price, pkt., 5c; oz., 25c; ¼-lb., 75c; lb., $2.50.

COLLARDS. Southern or Creole Cabbage. A well-known variety in the South, where it is grown extensively. Pkt., 5c oz., 15c; ¼-lb., 50c; lb., $1.50.

Fall and Winter Cabbages

CORNELI'S LATE FLAT DUTCH. This is no doubt one of the most popular strains to grow and every gardener should have it. It makes a very hard head of good size and weight, and is remarkable for its keeping quality when buried over winter. It is of dark green color, and for heading, evenness of crop and size this excellent strain cannot be surpassed. Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., $2.25.

Red Cabbage. Roth-Kraut.

EARLY DARK RED DWARF ERFURT. Forming small heads and of a solid dark blood color;. Pkt, 5c; oz., 20c; ¼-lb., 65c; lb., $2.50.

MAMMOTH RED ROCK. Producing heads averaging from ten to fifteen pounds each; a deep red color, and as solid as a rock; Pkt., 5c; oz, 20c; ¼-lb., 65c; lb., $2.50.

Savoy Cabbage.

Wirsing oder Savoyer-Kohl.

THE SAVOY OR CURLY CABBAGES are of much finer flavor and quality than the best of other kinds. Grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

EARLY DWARF ULM SAVOY. It matures very early, the heads are firm, solid, beautifully crimpled, and ot the finest quality. Pkt, 5c; oz, 20c; ¼-lb., 65c; lb., $1.75.

PERFECTION DRUMHEAD SAVOY. Heads large and very finely curled; short stock and compact grower; an excellent keeper. Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., $2.00.

Cauliflower.

One ounce will produce about 2,000 plants.

Cauliflower—Extra Select Earliest Dwarf Erfurt.

Any soil that will grow cabbage will grow cauliflower, but as the product is more valuable, extra manuring and preparations of the soil will be well repaid. Culture same as cabbage, except that they need a cool and moist atmosphere and should be watered often in dry weather. As the flower heads appear, the large leaves should be broken down over them to shield them from the sun and rain.

EXTRA SELECTED EARLY DWARF ERFURT. The earliest and best variety in cultivation and the leading sort all over the world where cauliflower is grown. The strain we have of this variety is without doubt the very best to be had. The seed we offer comes from headquarters direct and was grown from the very finest specimens, and we know that every plant is certain to make a head. Pkt., 15c; oz., $4.00.

EARLY DANISH SNOWBALL. Extensively grown for forcing, or wintering over for early crop. It is exceedingly early and hardy, and is one of the surest to make a solid compact head. The best for late summer and fall crop. Packet, 15c; ¼-ounce, $1.00; ounce, $3.50.

EARLY DWARF ERFURT. Small leaved A well-known early variety, and is very desirable for forcing or for planting out doors. Plants compact, with few narrow, upright leaves, and suited for close planting; the most desirable for general use. It is an excellent header. Pkt., 10c; oz., $2.50.

EARLY SNOWBALL. A favorite with market gardeners, and very extensively grown for forcing and outdoor planting. It is exceedingly early and hardy, and is one of the surest to make a solid, compact head. Pkt., 10c; oz., $2.50.

Chicory.

WITLOOF. Sow in May, in 12-inch drills; thin to 3 inches apart in rows. During their growth they should be banked up like celery. Use the leaves as a salad. The roots are excellent when boiled. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., $1.50.

Cress or Pepper Grass.

A favorite pungent salad. Sow thickly at frequent intervals, to keep up a succession, as it soon runs to seed.

EXTRA CURLED. Very fine. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

LARGE LEAVED WINTER. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., $1.00.

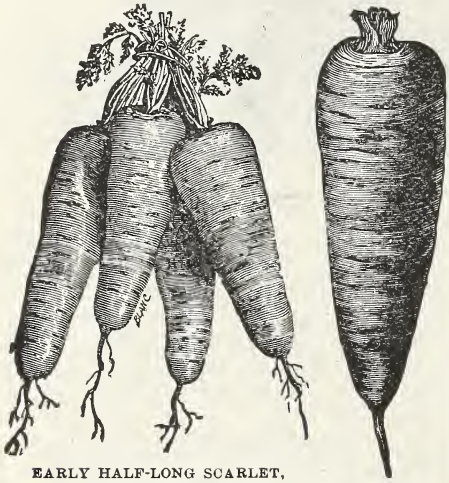
WATER-CRESS. Found growing in great abundance along the margins of running streams and ponds. It has a very pleasant pungent taste. Pkt., 10c; oz., 25c; ¼-lb., 75c; lb., $2.50.

Carrots. Gelbe Rüben.

One ounce to 100 feet of drill. 3 to 4 lbs. per acre in drills.

The soil should be light (sandy soil is best) and deeply tilled. For an early crop the seed should be sown as early as the ground can be properly worked For late crops it may be sown at any time until about the middle of June. Sow in rows about fifteen inches apart Keep down weeds. Thin out young plants as soon as they can be handled, leaving them about three to six inches apart, according to variety.

EARLY SHORT HORN STUMP-ROOTED This has always been the general favorite for an early crop; is of a bright orange color. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.



EARLY HALF-LONG SCARLET, STUMP ROOTED. DANVERS

EARLY HALF-LONG SCARLET STUMP ROOTED. Color, bright scarlet; flesh, reddish orange, becoming yellow in center, but with no distinct core; fine grained and of the finest table quality Pkt, 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

DANVERS. Grown quite large, stump-end, bright orange color. Price per pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

LONG ORANGE. Large size and adapted to garden or field culture. Price per pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

RUBICON. Half-long stump rooted, large thick and dark orange color. Price per pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

GUERANDE OR OXHEART. Very large at the top, three to five inches long and terminating abruptly. Price per pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

EARLY SCARLET HORN. (Point-rooted.) A medium sized root, half-long, of fine color, grown for early use and to sell in bunches. Bears close planting. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

INTERMEDIATE. From ten to twelve inches in length and two to three inches in diameter at top tapering gradually Pkt, 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

Celery. Sellerie.

One ounce will produce about 3,000 plants

CULTURE. Sow the seeds early in April in a cold frame or in the open ground, and in June or July transplant The young plants before transplanting, should be clipped down partially two or three times to promote a stubby growth On the ground previously thoroughly enriched and cultivated, lay out lines three feet apart, on the surface, not in trenches, as used to be planted Set the plants in three rows about six inches apart Until about the middle of August the only work to be done is frequent cultivation and watering in dry weather Earthing up may then begin and continue as long as the plants grow, to bleach the stems and render them crisp.

WHITE PLUME. Does not require to be earthed up, but if only loosely tied, a few handfuls of earth brought close around the base of the leaves to keep them close together, all the inner leaves or thin stalks will turn white and crisp Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., $1 75

GOLDEN SELF-BLANCHING. A fine solid variety similar to the white Plume, except that it is a golden yellow, and nutty flavor. Pkt., 10c; oz., 40c; ¼-lb., $1.25; lb., $5.00.

GOLDEN HEART DWARF. Solid, of fine flavor and a good keeper, and, as its name indicates possessing when blanched a yellowish or golden tint Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., $1 50.

GIANT WHITE PASCAL. Crisp and solid The old, well-known variety. Pkt, 5c; oz. 20c; ¼-lb., 40c; lb., $1 50.

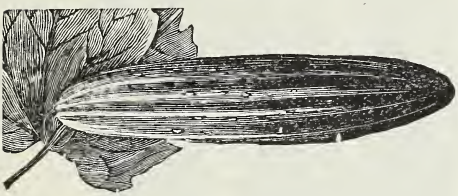
BOSTON MARKET. Dwarf variety, remarkable for its tender, crisp and succulent stems and its peculiar mild flavor. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., $1 50.

ERFURT TURNIP ROOTED CELERY This is the largest and best variety grown Round in shape, makes excellent salad. Pkt., 5c; oz., 20c; ¼-lb., 40c; lb., $1 50.

Cucumber. Gurken.

One ounce to 50 hills; 2 to 3 pounds to the acre in hills.

Plant in hills four feet apart, in well-prepared warm, rich, loamy soil. Mix a shovelful of well-rotted manure in each hill. The fruit should be picked when large enough, whether they are wanted or not as it destroys the vitality of the vine if left to ripen.



ARLINGTON WHITE SPINE. The leading sort grown for shipment to market. The fruit is seven to nine inches long and solid and is a general favorite for its many excellent qualities. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

EXTRA LONG WHITE SPINE. A large variety of White Spine, largely used for forcing by market gardeners. Grows nine to eleven inches long. Highly esteemed. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

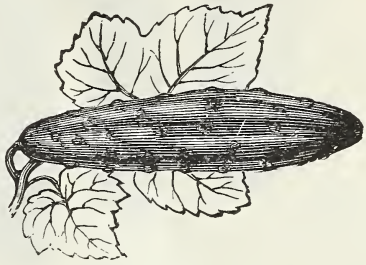
EVERGREEN WHITE SPINE. Retains its deep green color at all stages of growth, uniform and large in size. Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., 85c.

DAVIS PERFECT. Is well adapted for outdoor or forcing, is almost seedless, fruit very long, of uniform size, retains its rich, dark green color all season, excellent for slicing, well adapted for market or shipping. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.

EARLY GREEN CLUSTER. A short, prickly variety, bearing in clusters; color pale green; used for pickling. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

EARLY FRAME OR SHORT GREEN. Fruits medium and straight. Popular for table use and pickling. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

JAPANESE CLIMBING. It quickly climbs on poles or trellises. It is entirely distinct. Well adapted for pickling as well as for slicing for salads. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.



NEW CENTURY. An entirely distinct sort developed by ourselves. Beautiful in shape and color, of the finest quality. The fruit is long and smooth, handsome green with white, crisp and tender flesh. The vine is vigorous and productive. An excellent sort for culture under glass. Price, pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

LONDON LONG GREEN. A standard late sort, crisp and tender; excellent for the table, and makes a hard brittle pickle. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

LONG GREEN TURKEY. Good either for pickling or slicing; dark green, flesh firm and solid. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

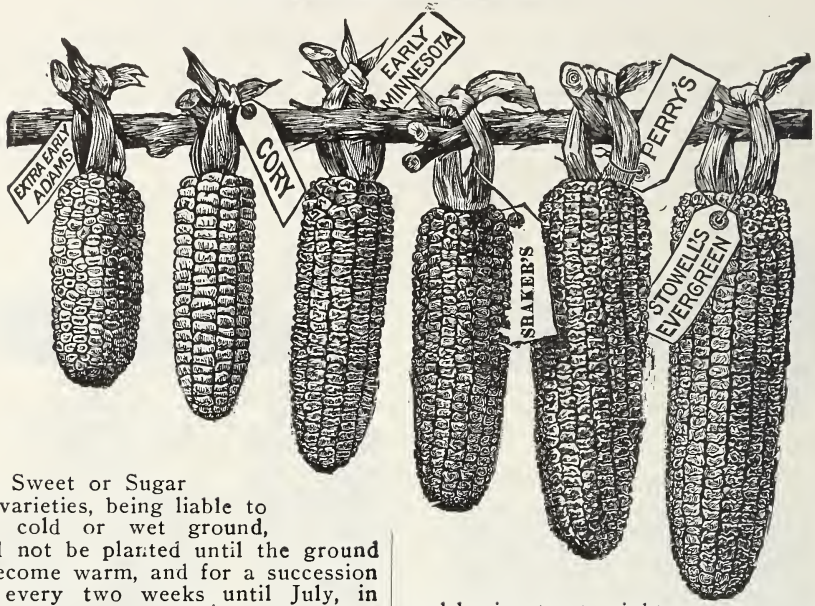
WESTERFIELD CHICAGO PICKLE. Medium length, pointed both ends, deep green color, excellent for pickling. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

BOSTON PICKLING OR JERSEY. A short pickling variety of fine form or flavor, enormously productive, crisp and tender. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 85c.

GHERKIN OR BURR. Only grown for pickling, is the smallest of all varieties, and should always be pickled while young and tender. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., $1.75.

Garden and Sweet Corn. Zucker oder Süßkorn.

One quart plants 150 to 250 hills. Eight or ten quarts for an acre.
If to be sent by mail add 10c per quart to prepay postage.
Prices per bushel on application.



The Sweet or Sugar Corn varieties, being liable to rot in cold or wet ground, should not be planted until the ground has become warm, and for a succession plant every two weeks until July, in hills 2x3 feet for the early kinds, and 3x4 for the large, late kinds. Some plant in drills three and one-half feet apart and eight inches in the row. Give frequent and thorough cultivation.

EXTRA EARLY ADAMS. The hardiest earliest white corn, is not a sugar corn; ear short. Pkt., 5c; qt., 20c; peck, $1.00.

MAMMOTH WHITE CORY. Very early, with ears of large size. Cob and kernels are pure white. Pkt., 5c; qt., 20c; pk., $1.00.

ADAMS EARLY WHITE. Good for early table use. Hardy, and can be planted early. Pkt., 5c; qt., 20c; pk., $1.00.

HOWLING SUCCESS. Produces two ears from 7 to 9 in. long, of the earliest and largest sweet corn, of pearly white grains, with 12 to 14 rows on the ear. Stalks grow from 4 to 4½ feet high, covered with heavy husks that afford a good protection from the green worms. Pkt., 5c; pint, 15c; quart, 25c; peck, $1.50.

EARLY MINNESOTA SWEET. Early of dwarf habit, ears of fair size, and of choice quality. Pkt., 5c; quart, 20c; peck, $1.00.

KENDALL'S EARLY GIANT. The ears measuring eight to ten inches long, and having ten to eighteen rows on each cob; sweet, tender. Packet, 5c; qt., 20c; peck, $1.00.

CHAMPION. The largest of our early varieties. Very fine quality and follows closely the early varieties. Price, per packet, 5c; per qt., 20c; per peck, $1.00.

SHAKER'S EARLY SWEET. A valuable second early corn. Desirable for family use, for market or canning. Pkt., 5c; quart, 20c; peck, $1.00.

PERRY'S HYBRID SWEET. An early twelve rowed variety, from four to five feet high. Pkt., 5c; quart, 20c; peck, $1.00.

COUNTRY GENTLEMAN SWEET. The sweetest and most tender variety. The ears are medium, cob small, pearly whiteness and irregularly crowded on the cob. Pkt., 5c; quart, 25c; peck, $1.25.

STOWELL'S EVERGREEN SWEET. This variety is intermediate in its season; and if planted at the same time with earlier kinds will keep the table supplied till September. Pkt. 5c; quart, 25c; peck $1.00.

GOLDEN BANTAM. Small yellow golden grain sweet corn is of excellent quality, hardy, of dwarf habit, but very sweet. Pkt., 5c; pint, 15c; quart, 30c.

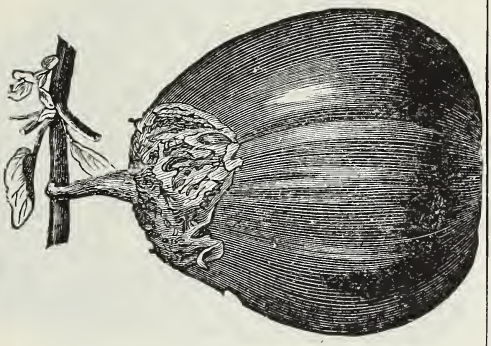
Corn Salad. Rabinschen, Feld Salat.

CORN SALAD. One of the most delicious salads, highly esteemed by the Germans. Sow early in spring in drills, or for very early autumn and winter use, sow in fall and winter cover same as spinach. If grown in cold frames and covered with straw mats, it can be used at any time during the winter. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.

Egg Plant. Eierpflanze.

One ounce of Seed will produce 1000 plants

Sow seeds in a hot bed in March, in the same manner as tomatoes. As they are susceptible to cold, they should not be transplanted in the open ground until the weather is quite warm; three feet apart each way.



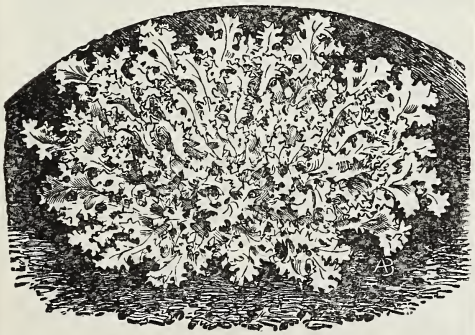
NEW YORK IMPROVED OVAL PURPLE. Very large and smooth, fine dark color, very prolific and of excellent quality. Pkt., 5c; oz., 35c; ¼-lb., $1.25.

THORNLESS LARGE OVAL PURPLE OR SMOOTH STEM. Fruit early, very large, oval and of a fine deep purple. Market and private gardeners will find this variety one of the very best. Pkt., 5c; oz., 35c; ¼-lb., $1.25.

Endive. Endivien.

One ounce will sow twenty square feet.

An excellent salad for fall and winter use. Sow early in spring for early crop, and in mid-summer for late, in hills. When the plants are strong enough transplant as soon as the leaves are beginning to touch each other, tie them up over the heart of the plant to blanch.



GREEN CURLED. Producing beautiful curled dark green leaves; crisp, tender and blanches cream white. Pkt., 5c; oz 20c; ¼-lb., 50c; lb., $1.50.

WHITE CURLED. Resembles the green except in color, blanches white very easily. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., $1.50.

BATAVIAN OR BROAD LEAVED. Forms large heads of broad, thick leaves, which are used for flavoring soups or stews. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., $1.50.

Kale or Borecole. Blätterkohl.

One ounce will produce about 2000 plants.

Sow in prepared beds, middle of April to beginning of May, and transplant beginning of June, same as cabbage. All the varieties are very hardy, and are best when touched by frost.

TALL GREEN CURLED SCOTCH. Grows about eighteen inches in height and spreads. The leaves are bright green, beautifully curled. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

DWARF GREEN CURLED ERFURT. Very tender. The leaves are deep green and beautifully curled, spreading out to about two feet in diameter. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

DWARF GERMAN GREENS. Grown as winter greens. Sow in September in rows one foot apart. It is very hardy and is ready for use in early spring. Sow from three to four pounds of the seed to an acre. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

Kale.

CORNELI'S SLOW SEEDER. We have secured a quantity of this excellent variety. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

OSTRICH PLUME. Extremely hardy of dwarf growth, slightly curled, purplish leaves. An excellent variety. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

LETTUCE. Salat.

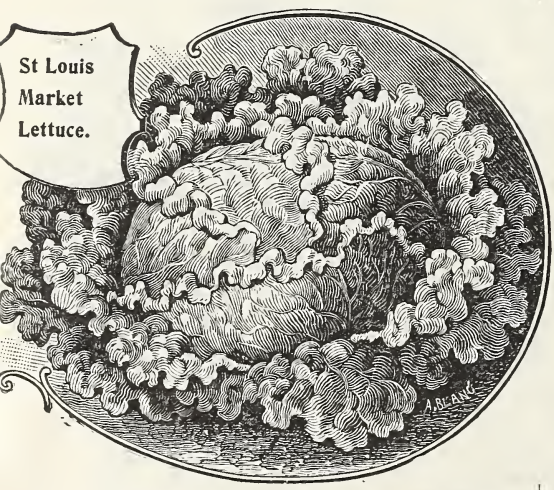
One ounce of seed will produce about 3,000 plants.

Lettuce is of easy cultivation, but likes a good, rich soil. For early use, sow under glass in February and March and transplant in a well prepared bed as soon as the ground can be worked. Later sowings may be made in the open ground, at intervals of two weeks, for succession, as long as the weather permits.

CORNELI'S BLACK-SEEDED FORCING. This is the best head of Cabbage Lettuce to force under glass, also for early planting out-doors. It is grown by nearly every St. Louis market gardener, and should be grown by all who grow lettuce for the market; when well grown forms very compact, solid heads. Pkt., 5c; oz., 20c; ¼ lb. 50c; lb., $1.75.

EARLY WHITE CABBAGE, OR BUTTER. Remarkably tender and crisp; sure to head; of quick growth. It is one of the best for early planting, and also for summer use, as it is slow to seed. Pkt., 5c; oz., 15c; ¼ lb., 50; lb., $1.50.

ST. LOUIS MARKET. An excellent and very popular head variety for Summer planting; forms large white and solid heads and stands the heat well. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50.

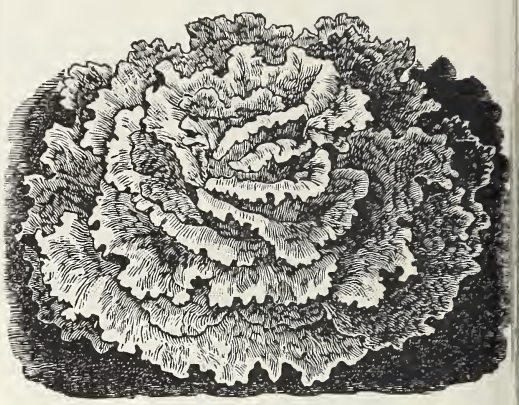


PRIZE HEAD. Forms a loose head of a dense mass of leaves, filled at the edge and densely blistered; deep green color, tinged with red. Pkt., 5c; oz., 15c; ¼ lb. 50c; lb., $1.50.

BIG BOSTON LETTUCE. This new variety resembles the well known Boston Market Lettuce, but produces heads almost double the size. Endures hot weather exceedingly well. Packet, 5c; oz., 15c; ¼ lb., 50c; lb.. $1.50.

ALL THE YEAR ROUND OR SALAMANDER. Large heads that stand the drought and heat longer than any other. Pkt., 5c., oz., 15c., ¼ lb. 40c., lb. $1.25.

HANSON. Heads large, hearts quickly and stands in summer well. Pkt., 5c; oz., 15c; 1-4 lb. 40c; lb. $1.25.



BLACK-SEEDED SIMPSON. Does not form a head, but is a compact mass of leaves; a light delicate green; a general favorite with Western gardeners. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.25.

GRAND RAPIDS. A loose-leaved curled variety of superior quality and beautiful appearance. A rapid grower, free from rot, and keeps crisp and tender without wilting. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.25.

EARLY CURLED SIMPSON.. Forms a compact mass of curly leaves of a yellowish-green. It matures earlier than the firm head sorts. Pkt., 5c; oz., 15c; ¼lb., 50c; lb., $1.25

CORNELI'S NUMBER SIXTEEN. Hardy; for early spring and fall sowing; very tender and finely flavored, and very large heads. Ounce, 20c; ¼ lb., 65c.

CORNELI'S MAMMOTH BLACK-SEEDED BUTTER. A selected early strain; large, compact heads. Good for early outside planting. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50.

HARDY GREEN WINTER. Pkt., 5 oz., 15c; ¼ lb., 50c; lb., $1.75. Best Winter Heading Variety. Very hardy.

BROWN DUTCH WINTER. Forms a large, solid head, the inner leaves of which are very sweet and tender. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

OAK-LEAVED LETTUCE. The distinguishing feature of this variety of lettuce is in its oak-shaped leaves. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00.

TRIANON COS. The long narrow leaves, which form solid heads, bleach and quickly become snowy white. Pkt., 5c., oz., 15c., ¼ lb. 40c., lb. $1.50.

Kohl-rabi. Glas-Kohlrabi.

One ounce will produce 2000 plants.

Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulb should be used while young and tender as age detracts from its good quality. For early use sow in hot-beds and transplant. Set plants eight inches apart in the row. When properly prepared Kohl-rabi is one of the most desirable of vegetables.

EARLIEST WHITE ERFURT. A very popular variety, good for forcing and out-doors, grows very quick. Tender and delicious, excellent quality. Pkt., 5c; oz., 20c; 1-4 lb., 50c; lb., $1.50.

EARLY SHORT-LEAVED WHITE VIENNA. This is one of the best varieties for either forcing or out-door culture, is exceedingly tender and delicate. Pkt., 5c; oz. 20c; 1-4 lb., 50c; lb., $1.50.

EARLY PURPLE VIENNA. Similar to above except in color, quality very tender. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50,

LARGE GREEN OR WHITE. These are coarse growing varieties, and more generally grown for feeding cattle. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., $1.75.

Mustard. Senf.

One ounce will sow 50 feet of drill, it takes 8 to 10 pounds to sow one acre.

Used as a small salad. The seed is used for flavoring pickles, pepper sauce and medicinal purposes. Sow for salad thickly, early in the spring, in shallow drills, or in frames or boxes during the winter.

WHITE LONDON. Best for salads. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c.

BLACK OR BROWN. More pungent than the white; for ordinary use. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c.

GIANT SOUTHERN CURLED. Highly esteemed for salads, particularly in the South. The leaves are twice the size of the ordinary White Mustard; flavor sweet and pungent. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

Leek. Lauch.

LARGE LONDON FLAG. The old well-known standard variety, producing good size Leek. Large and strong with broad leaves. Pkt., 5c; oz, 15c; 1-4 lb., 50c; lb., $1.25.

LARGE MUSSELBURGH. An excellent variety of great merit, and a favorite market sort of enormous size. Leaves large and broad, flavor mild and pleasant. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., $1.25.

Mushroom Spawn.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry fresh horse manure and lay it in a heap to ferment: turn and mix it well every few days, and when well and equally fermented, which will be in from ten to fifteen days,

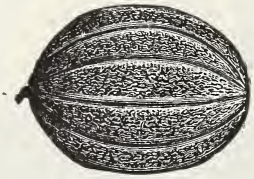
it may be made into a bed four feet wide and about 12 to 18 inches deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees the spawn may be inserted in pieces about the size of a walnut, about two inches deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Water, when necessary, with luke-warm water, and expect mushrooms in from four to six weeks.

ENGLISH, IN BRICKS. lb., 15c; 10 lbs. $1.25.

Melon=Musk—Zucker=Melonen.

One ounce to 60 hills: 2 to 3 pounds, in hills, to an acre.

The melon delights in rich, sandy soil, but should never be cultivated in the vicinity of cucumbers, squashes or pumpkins, as it will invariably become impregnated with them, and produce fruit of an inferior quality. Sow in April and May in hills of light, rich soil, four feet apart, allowing but three plants to grow in each hill; after they have grown about a foot long, pinch off the points of shoots, which cause the vines not only to become stronger, but makes them produce lateral branches, and prove more productive and mature earlier.



ROCKY FORD. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick green, very sweet and high flavored. This is the variety grown extensively around Rocky Ford, Col., and shipped from there in enormous quantities. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

BURRELL GEM. This melon has now become one of our best known varieties. Its rind is extremely tough and thin, with well-arched ribs. The fruit is oblong, with deep orange or salmon colored flesh. It has a delicious, spicy flavor, and is unusually sweet and tender. It is an excellent shipper. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00.

OSAGE. Egg-shaped, skin very thin, of dark green color and slightly netted; the flesh is of a green color, remarkably sweet; and a great point of merit is that, no matter what size the melons are, they are always sweet and a good keeper, and will stand shipping better than any other sort. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.

NETTED GEM. One of the earliest and best small melons grown. Oval in shape and uniform in size; flesh light green and of very fine flavor; exceedingly productive. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.

EMERALD GEM. Fruit of medium size; a deep green color. Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., $1.25.

EXTRA EARLY HACKENSACK. An improvement of the old well-known Hackensack, but about a week earlier. Very large, round in shape, flattened at the end; flesh green, very sweet and highly flavored. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.

BAY VIEW CANTALOUPE. One of the largest Cantaloupes in cultivation; a very prolific and green-fleshed variety. Well liked by everybody who has grown it. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., $1.00.

NUTMEG. One of the earliest. The old, well-known sort; nutmeg-shaped, finely netted, flesh greenish-yellow, rich and sugary. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., $1.00.

MUSK MELON

ST. LOUIS MARKET. We have procured a limited amount of seed of this excellent melon grown by our leading market gardeners. Has a rich, aromatic flavor; greenish-yellow flesh, solid but juicy; finely netted. The rind is strong; fruit deep green, nutmeg shaped. Weight from 4 to 6 lbs. Pkt., 5c; oz., 10c; ¼-lb., 40c; lb., $1.50.

Watermelons. Waſſer-Melonen.

One ounce to 30 hills; 4 to 5 pounds, in hills, to an acre.

Watermelons require a rich, though rather sandy soil for best development, and thrive best in a warm, sunny exposure. Plant in hills eight to ten feet apart each way, and cultivate like the Muskmelon. To secure the largest fruit have but one or two melons to a vine.

KOLB'S GEM. This variety is well-known for its solidity. uniformity of size weight and fine shipping qualities The melons are nearly round, rind dark, rich green marbled with lighter shades; flesh crimson; quite solid and sweet. Pkt., 5c; oz., 10c; ¼-lb , 20c; lb., 55c.

SWEET HEART. Early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, firm, solid but very tender, melting and sweet. Pkt., 5c; oz , 10c; ¼-lb., 20c; lb., 55c.

FLORIDA FAVORITE. This variety is very early and one of the finest table melons, oblong in shape; rind dark with light-green stripes; flesh light crimson, very crisp; seed rather small and of a light creamy-white color. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

JUMBO JONES. The shape of this melon is almost round. The skin is green, with a very tough rind, making it a valuable shipping variety. Flesh red and very sweet. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

TRIUMPH WATER MELON. The fruit is uniformly large, nearly round, dark green, striped with a lighter shade; rind thin and firm, making it an excellent shipper; flesh bright red. Packet, 5c; ounce., 10c; ¼-lb., 20c; lb., 55c.

TOM WATSON. An extra long melon, uniform shape and quality. The rind is a dark, glossy green; meat very solid; crimson flesh, finely flavored and tender, ripening nearly to the skin. Outer skin is remarkably tough, making it an excellent shipper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

CUBAN QUEEN. One of the finest varieties grown; skin striped light and dark green; flesh is bright red, solid, luscious; Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c

ALABAMA SWEET. The best melon grown for shipping. Oblong, very large dark green, faintly striped, very sweet, entirely stringless; very prolific. We cannot recommend this melon too highly. Pkt., 5c., oz., 10c; ¼-lb., 20c; lb., 60c

KLECKLEY'S SWEET. Large oblong melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh, bright scarlet; the rind only about one-half inch in thickness. The melon is better for home use than for shipping. Packet, 5c; ounce, 10c; ¼-lb., 20c; lb., 75c.

IMPROVED LONG DIXIE. Form oblong, flesh scarlet, melting and exceedingly sweet. We regard it as one of the best varieties for the table; Very early and productive. Pkt., 5c; oz., 10c; ¼-lb., 20c lb., 55c.

HALBERT'S HONEY. Flesh of beautiful crimson color; sweet and sugary flavor; ripens early, of large size with smooth, dark green skin; thin rind and most desirable for home use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

PEERLESS, OR ICE CREAM, WHITE SEEDED. Of medium size, thin rind, light mottled green; flesh bright scarlet, solid to the center, and sweet as honey. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

SOUTHERN RATTLESNAKE, OR STRIPED GIPSY. A variety of large size and fine shipping qualities; shape oblong, of light green color, and beautifully mottled and striped; flesh scarlet, rind thin, very solid, Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

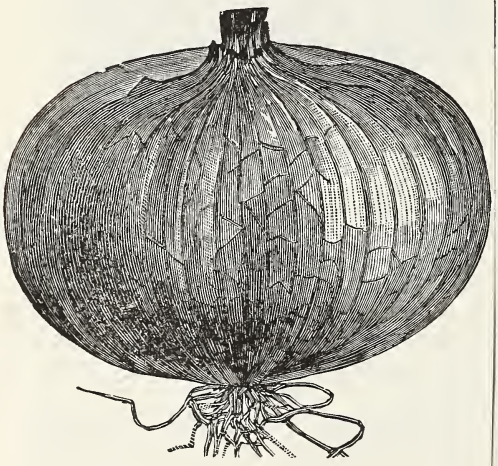
COLORADO PRESERVING CITRON. Oblong and very large. Price per pkt., 5c; per oz., 10c; per lb., 75c.

ONION. Zwiebeln.

One ounce of seed will sow 75 feet of drill; it will take 4 to 5 pounds to the acre to grow large onions. If sets are wanted, 50 to 60 pounds should be sown on an acre.

CULTURE. A light, loamy soil suits the onion best, and it may be grown for many consecutive years on the same ground. Previous to sowing, the ground should be well manured and deeply ploughed. Harrow and rake the surface smooth and even. As early in spring as possible, sow the seed in drills 14 inches apart and half an inch deep, **rolling firmly over the seed.** A cultivator may be used between the drills, being careful not to throw the earth too much over the bulbs. Weed the drills very carefully, and **never allow the weeds to get ahead of the young plants.** The onions may be pulled as soon as the tops are all down. Expose to the sun for a few days to dry them off for storage or market.

EXTRA EARLY FLAT RED. Matures very early; medium size, close-grained solid and heavy; an excellent market variety. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.25.

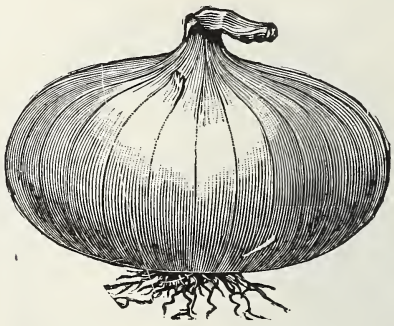


LARGE RED WETHERSFIELD. The standard sort; best for main crop. Large size, of a purplish, red color; round or oval shaped, fine grained, pleasant flavored and productive. It ripens in September; an excellent keeper. Pkt., 5c; oz., 15c; ¼lb., 40c; lb., $1.25.

SOUTHPORT LARGE RED GLOBE. Similar to the Large Red in color and flavor, but quite distinct in form, being nearly globular; it is a heavy cropper, and is much praised by many as a market variety. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., $1.50.

YELLOW GIANT PRIZETAKER. This wonderful onion has become very popular in the last few years. **It grows to an immense size.** Prizetaker is a globe shaped variety, skin of bright straw color, flesh white, sweet, tender and very mild. You can grow a good crop of Prizetakers even in a dry season, when other sorts are a failure." Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., $1.50.

LARGE YELLOW GLOBE DANVERS. Immensely productive and good keepers. Large size, globe shaped, small neck, fine flavor, mild and early; in fact, all that is required to make a first-class onion for either home or market use. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., $1.50.



YELLOW FLAT DANVERS. Differs from the Danver Yellow Globe in shape only, being more flat. A very good variety for sets. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.25.

AUSTRALIAN BROWN. Nearly round, medium size, with skin deep amber brown, extremely hard and firm, for either market or home use; long keeper; flesh white, fine quality, price per pkt., 5c; per oz., 15c; per lb., $1.50.

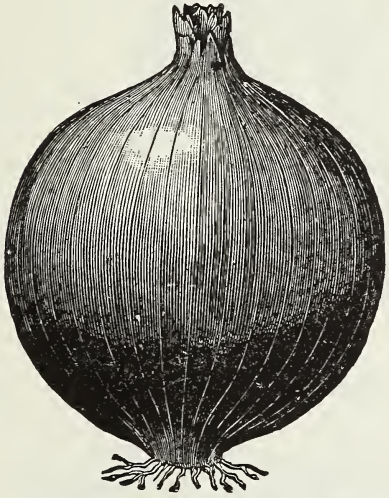
SPECIAL RATES ON LARGER QUANTITIES.

Raising Onions pays well—200 bushels per acre is only a fair crop. Good Onions can be raised from seed in five months from planting.

Onions—continued.

MAMMOTH WHITE SILVER KING. The skin is a silver white, and the flesh pure white and of a particularly mild and pleasant flavor. Single bulbs of this variety have been grown to weigh three pounds. The bulbs are flattened in form but quite thick. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.50.

GIANT WHITE TRIPOLI. Of large size and most beautiful form, with fine, white skin. It will grow an onion of from one to one and a half pounds. Pkt., 5c; oz., 20c; ¼-lb., 50c; lb., $1.50.



SOUTHPORT LARGE WHITE GLOBE. A large globe-shaped onion; firm, fine grained, of mild flavor; keeps well. This is one of the handsomest onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., $2.50.

WHITE PORTUGAL. Very desirable for family use; flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling. Pkt., 5c; oz., 15c; ¼-lb., 60c; lb., $2.00.

EXTRA EARLY WHITE PEARL. This is one of the earliest. It grows to a fair size, of pearly white color, flesh of a pure snow-white, and flavor very mild. A splendid keeper, succeeding everywhere, and requiring only thin soil. Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., $1.75.

PHILADELPHIA WHITE SILVERSKIN. This is the best for growing white sets, also for pickling onions, having for many years been grown in the vicinity of St. Louis, especially for sets, is now particularly desirable for that purpose. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50.

EL PASO OR LARGE MEXICAN. A Southern variety, grows to an immense size, often weighing two to three pounds. Skin and flesh white, very mild flavor. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.50.

Onion Sets and Top Onions.

Prices given below are subject to change.

To have early green onions, plant out these onion sets as early in Spring as ground will permit, in rows one foot apart, the sets 3 to 4 inches apart.

WHITE ONION SETS. Per qt., 15c; peck, 75c; bu., $2.50.

YELLOW ONION SETS. Per qt., 15c; peck, 75c; bu., $2.00.

RED ONION SETS. Per qt., 15c; peck, 75c; bu., $2.00.

YELLOW SHALLOTS. Per qt., 15c; peck, $1.00; bu., $3.50.

POTATO ONION SETS. Per qt., 15c; peck, $1.00; bu., $3.50.

PERENNIAL OR WINTER TOP ONIONS, ready in August.

If larger quantities are wanted, write for special prices.

One quart will plant 50 feet of drill.

To grow large, full size Onions, four or five pounds should be sown to the acre. To raise Pickling Onions and Onion Sets, fifty to sixty pounds are required per acre, and for this purpose the best varieties are the Yellow Danvers, Red Wethersfield, Philadelphia White Silverskin and White Portugal.

As Onions grow on top of the ground they may be allowed to remain pretty thick, no matter if they crowd each other, particularly if they are growing for sets.

Okra, or Gumbo. Gumbo.

One ounce will sow 50 feet of drill.

Plant the seed when the ground becomes warm, in drills three feet apart and eight or ten inches between the plants. The seeds are liable to rot in the ground and should be put in thickly to secure the requisite quantity of plants. Very rich ground is demanded by this vegetable. It is necessary to make an early and later sowing to secure an uninterrupted supply throughout the season.

LONG GREEN. Grows five feet high. Very prolific, with long, smooth and slim pods. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

IMPROVED DWARF GREEN. Three feet high, early and very productive. Pods medium length, green. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

WHITE VELVET. The pods of this variety are round and smooth, and are produced in the greatest abundance. Pkt., 5c.; oz., 10c; ¼-lb., 20c; lb., 55c.

Oyster Plant, or Salsify.

Haferwurzel.

One ounce will sow 40 feet of drill. It takes eight pounds to plant an acre.

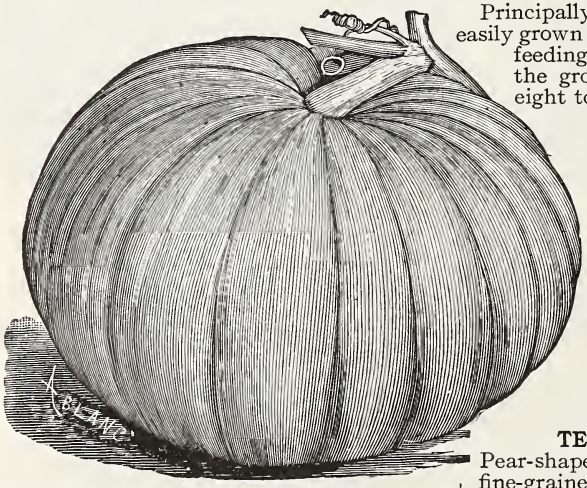
A fine vegetable, used and served as carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor.

Cultivate the same as carrots and parsnips. Succeeds best in a light, well-enriched mellow soil. Sow early in the spring in drills fifteen inches apart one inch deep, and thin out to six inches apart in the rows.

MAMMOTH SANDWICH ISLAND. This variety grows to a very large size. It is very mild and delicately flavored. Invaluable to market gardeners. Pkt., 5c; oz., 10; ¼-lb., 30c; lb., $1.00.

Pumpkin. Feld-Kürbisse.

One ounce will plant about 15 hills.



Principally used for field culture; they are easily grown and are very profitable for stock feeding. Sow in good soil in May, when the ground has become warm, in hills eight to ten feet apart each way, or in fields of corn about every fourth hill. Always avoid planting near other vines, as they will hybridize.

KENTUCKY FIELD. Large round, a little ribbed, soft shell; salmon color; productive, and one of the best for stock feeding. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 35c.

CONNECTICUT FIELD. A large yellow variety, hard shell. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 35.

KING OF THE MAMMOTHS. Grows to an immense size, often weighing 100 to 150 pounds. Skin ash grey or pale green, inclined to be striped; flesh salmon color; of fair quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25.

TENNESSEE SWEET POTATO. Pear-shaped, flesh thick, cream white fine-grained and of excellent flavor. Pkt., 5c.; oz., 10c; ¼-lb., 20c; lb., 65c.

CUSHAW. Long, yellow crook-neck, similar to the Crook-neck Winter Squash; flesh yellow, solid, fine grained and sweet. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

Pumpkin—continued.

JAPANESE PIE. Flesh very thick and of a rich salmon color, nearly solid, the seed cavity being small; fine grained, dry and sweet, making pies as rich without eggs as other varieties do with. Pkt., 5c.; oz., 10c; ¼-lb., 20c; lb., 65c.

LARGE CHEESE. One of the best for table use, productive; skin orange; flesh yellow and sweet. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

Parsley. Peterſilie.

One ounce will sow 100 feet of drill. Six pounds to the acre.

Soak the seeds a few hours in lukewarm water, and sow early in spring, and until the middle of July, in drills one foot apart. Thin out the plants to four inches. To preserve in winter, transplant to a light cellar or cold frame.

PLAIN LEAVED. Used largely for soups on account of being a stronger flavor than the other varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

DOUBLE CURLED. A fine variety, well curled, in common use for general crop. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

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MYATT'S GARNISHING, OR MOSS CURLED. Crimped and curled; the best variety for decorating or garnishing. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

HAMBURG ROOTED. The leaves are used for soup and much esteemed when sliced. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

Pepper. Pfeffer.

One ounce will produce about 1,500 plants

Sow in February or March in a hot-bed and transplant into open ground late in April or May, when the weather has become well settled, as the plants are quite tender. Set in rows about two feet apart, and fifteen inches apart in the row. A warm, sandy loam is best suited to their growth.

RUBY KING. The peppers frequently attain a very large size, four to six inches long by three to four inches thick. When ripe they are always remarkably mild and pleasant to the taste. Each plant produces from eight to twelve large handsome fruits. Pkt., 5c; oz., 25c; ¼-lb., 75c.

SWEET MOUNTAIN. Similar in shape to the Large Bell, but of a much larger size; rind thick, fleshy and tender; much used for pickling, stuffed like Mangoes. Pkt., 5c; oz., 25c; ¼lb., 75c.

LARGE BELL, OR BULL NOSE. Of large size, very early, of sweet, mild flavor; glossy red; rind thick and fleshy. Pkt., 5c; oz., 25c; ¼ lb., 75c.

LONG RED CAYENNE. From three to four inches long, of a bright red color, very productive, hot and pungent; the best for seasoning pickles. Pkt., 5c; oz., 25c; ¼-lb., 75c.

RED CHERRY. An exceedingly ornamental variety; fruit round, of a rich, glossy, scarlet color; used for pickles and pepper sauce. Pkt., 5c; oz., 30c; ¼ lb., $1.00.

YELLOW CHERRY. Bright yellow. Pkt., 5c; oz., 30c; ¼ lb., $1.00.

CHILI. Small cone-shaped, very pungent. Ripe and green pods are used as pickles, also for making pepper sauce, Pkt., 5c; oz., 30c; ¼lb., $1.00.

CHINESE GIANT. The largest variety known. It is one of the square shouldered type, thick, sweet flesh and a good yielder. Price, pkt., 5c; oz., 30c; ¼-lb., $1.00.

Parsnip. Paſtinak.

One ounce will sow about 125 feet of drill; four to five pounds will sow one acre.

Sow as early in the spring as the ground can be worked, in rich soil, in drills eighteen inches apart. The ground should be well and deeply dug. Thin to six or eight inches in the rows. Hoe and cultivate often to keep down the weeds.

LONG SMOOTH WHITE. Long, white, very smooth, with no side roots; tender and of very fine flavor. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

LARGE SUGAR, OR HOLLOW CROWN. The best variety in cultivation; roots, medium long, white, smooth, tender, sugary of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

PEAS. Erbſen.

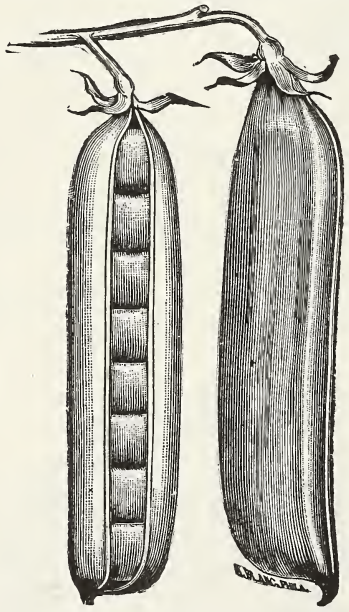
Prices per bushel on application.

If by mail add 10 cents per quart for postage.

One quart will plant 60 feet of drill; it will take two to two and one-half bushel to plant one acre.

The soil best adapted for the Pea is a rich loam, well manured the previous year (use thoroughly decomposed manure, if any, immediately before planting). For early crops sow as early in the spring as the ground can be worked, in drills three feet apart, and for a succession, every two weeks until the first of July. When they are about three inches high begin to draw the earth to the stems. Hoe often in dry weather.

Extra Early Varieties.



FIRST OF ALL.

The Earliest Pea in Cultivation.

FIRST OF ALL. We offer this variety as just the Pea for market gardeners, as it is the earliest and ripens more uniformly than any other variety. As all the pods have matured in forty-five days so that frequently the ground can be ready for a second crop in seven weeks from time of planting. The vine is small, about two feet high, and bears from five to seven straight, handsome pods, all of which, as a rule, are well filled. The strain we offer for sale we know will please and give entire satisfaction. Pkt., 5c; qt., 30c; pk., $1.50.

EXTRA EARLY MAY. This early Pea is sweet and delicious, and most desirable for market gardeners and private growers; two and one-half feet. Pkt., 5c; qt., 30c; pk., $1.50.

ALASKA. An extra early variety, bearing pods of a dark green color, well filled which ripen uniformly. The Peas are of a fine flavor and very tender; it is a prolific bearer, a most desirable shipping variety, owing to the dark green color of the pods. Two feet. Pkt., 5c; qt., 30c; pk., $1.50.

Early Dwarf Varieties.

NOTT'S EXCELSIOR. Dwarf, extra early, has fully borne out the high praise given it, and has become exceedingly popular. It is a little taller than the American Wonder, a splendid cropper, with large curved handsome pods. The Peas are green, wrinkled and of delicious quality, sweet and juicy. A distinct and valuable introduction. Pkt., 5c; qt., 35c; pk., $1.75.

AMERICAN WONDER. One of the earliest and best dwarf wrinkled peas known. Growing about ten inches high, well filled with pods containing six to eight large, sweet peas. Requires good rich soil. Pkt., 5c; qt., 35c; pk., $1.75.

EXTRA EARLY PREMIUM GEM. A valuable variety, growing about fifteen inches high, and among the ealiest green wrinkled sorts. The quality is unsurpassed, and wonderfully prolific, often twelve pods on a stem. Pkt., 5c; qt., 30c; pk., $1.50.

SUTTON'S EXCELSIOR DWARF WRINKLED VARIETY. Vines somewhat more vigorous than Nott's Excelsior. Pods large, broad and well filled, and often produced in pairs. Pale green color. Pkt., 5c; qt., 40c; peck, $2.00.

PEAS—continued.

GRADUS. The earliest large wrinkled pea Nearly the size of Telephone and possessing all its delicate qualities. The vine is about three feet in hight, foliage light green. Maturing but three or four days after the round, hard early June varieties, and surpassing them in every point of excellence. Price per qt., 40c; per pk., $2.00.

HORSFORD'S MARKET GARDEN. One of the best second early peas. A grand wrinkled variety. It is a prolific bearer, and has yielded more per acre than any other American variety. The pods, although medium size, are numerous, and are literally packed with peas of a delicious sweet flavor; very stocky, requiring no brushing. Two feet. Pkt., 5c; quart, 35c; peck, $1.75.

PRIDE OF THE MARKET. The pods are very large in size and handsome in appearance, and the peas, when cooked, are of splendid quality. Pkt., 5c.

TELEPHONE WRINKLED. Large, handsome, well filled pods, and very fine table quality. The vines often bear eighteen to twenty pods per stalk, each containing six or seven large peas. Four feet. Pkt., 5c; quart, 30c; pk., $1.75.

IMPROVED STRATAGEM. The pods are of immense size, uniformly filled with large, dark green peas of the finest quality; vine medium height but very stocky, with very broad, light green leaves, and bearing abundance of large, handsome pods; one of the very best varieties. Pkt., 5c; quart, 40c.

BLISS' EVERBEARING. The vines attain a height of from eighteen inches to two feet, foliage large. The pods will average three to four inches in length, each pod producing six to eight wrinkled peas. For a continuance of bearing this variety is unexcelled. Pkt., 5c; quart, 35c; peck, $1.75.

CHAMPION OF ENGLAND. A green wrinkled variety, one of the richest and best flavored peas grown; one of the finest varieties for family use or the market gardener. Four feet. Pkt., 5c; quart, 35c; peck, $1.75.

LARGE WHITE MARROWFAT. One of the oldest varieties. Large broad pods, well filled, of excellent quality. Five feet. Pkt., 5c; quart, 20c; peck, $1.50.

BLACK-EYED MARROWFAT. Hardy, productive, well-filled pods. Three feet. Pkt., 5c; quart, 20c; peck, $1.50.

DWARF GREY SUGAR, EDIBLE PODS Grows about two feet high. The seeds are large, shriveled, and of a dark brown color. The pods are broad, flat and crooked. Pkt., 5c; qt., 30c; pk., $2.00.

TALL MELTING SUGAR. It bears a profusion of large broad pods, which are so brittle that they snap without any string. Pkt., 5c; qt., 35c; pk., $2.00.

Early Peas being a most important crop to the trucker, great care should be used in getting good seed. We handle only the best selected stock, which will give universal satisfaction.

We pay postage on all Vegetable and Flower Seeds by the pound, half pound, quarter pound and ounce, at prices given in this Catalogue, except on Peas, Beans and Corn. If these are wanted by mail send extra money for postage at rate of 15 cents per quart.

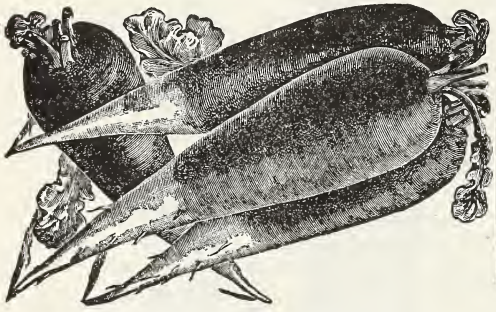
RADISH. Radieschen Rettige.

One ounce to 50 feet of drill, it will take from 8 to 10 pounds for an acre. For an early crop sow in hot-beds in February.

Special prices given for large quantities.

The Radish is very hardy, and can be sown as early as the ground will admit. To be crisp and tender they should make a quick growth. The soil should be very rich and light; sow the seed in drills one foot apart and cover lightly; thin while small to two or three inches apart; hoe often; for a succession sow at intervals of two weeks throughout the summer, using the varieties best adapted to the different stages of the season. The winter varieties should be sown in August; they must be taken up before severe frosts and stored in a good cellar and covered with earth.

EARLY LONG SCARLET, SHORT TOP. The standard variety of the long sorts, used either for forcing or open culture. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.



BRIGHTEST LONG SCARLET. Resembles Early Long Scarlet. Extra early, being fit for use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish; tips white; Price, packet, 5c; ounce, 10c; ¼-lb., 15c; lb., 55c.

WHITE LADY FINGER, OR LONG WHITE VIENNA. Most beautiful in shape skin and flesh are pure snow white. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

EARLY SCARLET, OLIVE-SHAPED. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

EARLY FRENCH BREAKFAST, OR EARLY SCARLET OLIVE-SHAPED, WHITE TIPPED. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

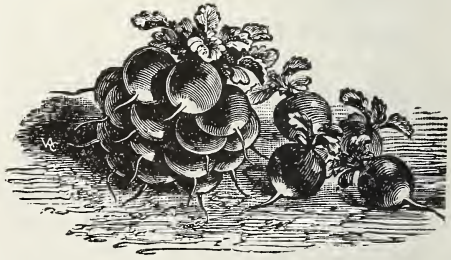
WHITE STRASBURG. Oblong; skin and flesh are pure white; firm, brittle, tender and possessing the most desirable character of retaining its crispness; withstands severe heat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

CHARTIER, OR LONG ROSE, WHITE TIPPED. Is a long radish, red at the top and shading off to a fine white at the tip. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

ICICLE. The roots of this Radish grow about four inches long, are of transparent whiteness with short leaves, and grows very quickly. It is of excellent flavor and equally desirable for home use and market gardeners. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

WOOD'S EARLY FRAME. Best long Radish for forcing; also good for outdoor crop, either spring or fall. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 55c.

EARLY HALF-LONG DEEP SCARLET. Distinct in color of skin and shape of the root, which is somewhat of the olive-shaped type. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.



EARLY SCARLET TURNIP, WHITE TIPPED. A small, round, turnip-shaped Radish, of bright scarlet, tipped with pure white, which gives a very pleasing appearance to the bunches when ready for market. Pkt., 5c; oz., 10c; ¼-lb., 20c- lb., 55c.

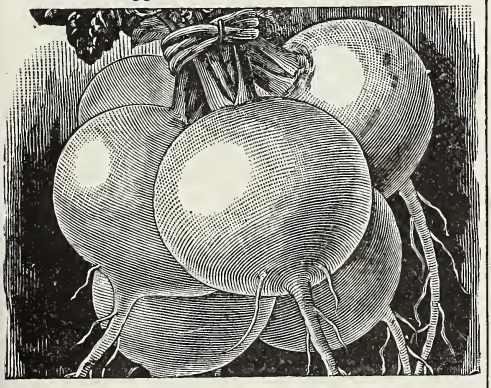
RADISH—continued.

EARLY ROUND DARK RED. Beautiful shape, and extra early. It is always crisp. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

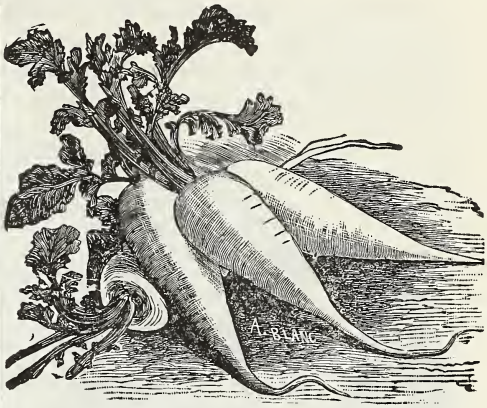
EARLY SCARLET TURNIP. The old standard sort; very early; in great demand for home use. Small, round, with short top. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 50c.

EARLY SCARLET GLOBE. For forcing in the greenhouse, hot-beds or cold-frames, and for sowing on open borders early in the spring. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. Pkt., 5c; oz., 10c; lb., 60c.

GOLDEN GLOBE OR YELLOW SUMMER. Nearly round, with golden covered skin; covered with a bright yellow russeting; of very fine quality and rapid growth. Pkt., 5c; oz., 10c; ¼ lb., 20c: lb., 55c.



PHILADELPHIA WHITE BOX. Perfect turnip shape, extra fine quality, and showing but little disposition to become pithy; especially fitted for growing under glass, in frames, or "boxes," hence its name. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb. 55c.



ST. LOUIS WHITE SUMMER. Grown by nearly every gardener. It is of handsome oblong shape, tapering beautifully to a point. Flesh pure white, almost transparent, very tender and of a delightful pungent taste. Very early and a quick grower. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.

ROSE-COLORED CHINA WINTER. One of the best winter varieties; bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

ROUND WHITE MUNICH, OR FALL. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

ROUND BLACK SPANISH FALL. A fine globe-shaped radish; very popular; good quality. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

LONG BLACK SPANISH, OR FALL. One of the hardiest and best for winter use. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

LONG WHITE SPANISH OR FALL. Very large size and firm texture. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

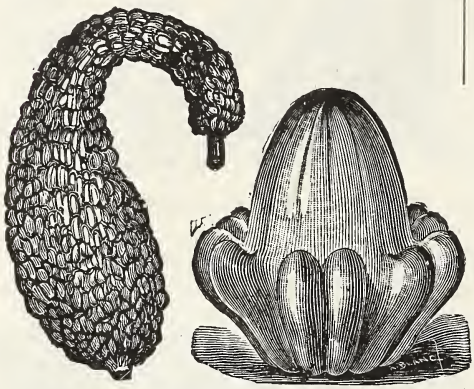
ROUND SCARLET CHINA. Of a fine scarlet color, about 3 inches in diameter; the flesh is a pure white and of a pleasant flavor. The seed may be sown at intervals. Pkt., 5c; oz., 15c; ¼-lb., 30c; lb., $1.00.

CALIFORNIA MAMMOTH WHITE. A winter variety, growing twelve inches long; white fleshed, firm and of excellent quality. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.

Squash. Speiſe-Kürbiſſe.

One ounce will plant about 25 to 30 hills, it takes 3 to 4 pounds to plant an acre.

Squashes grow readily on almost any soil but will well repay generous treatment. Plant in May in hills about six feet apart; Sow eight or ten seeds in a hill to allow for loss by insects. Three or four of the strongest plants are enough to leave in a hill.



WHITE PINEAPPLE. The skin is of a creamy white, with flesh of same color, fine grain and splendid quality, having a rich cocoanut flavor. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

EARLY BUSH SUMMER CROOKNECK. One of the best for summer use; fruit bright yellow. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

WHITE BUSH SCALLOPED, OR PATTYPAN. Of a light green color, very productive and the earliest to mature. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

HUBBARD. A favorite winter squash, and more largely grown as a late sort than any other; of large size, fine grained, dry, and of excellent flavor; flesh dark yellow; very hard shell; will keep well until spring. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 75c.

YELLOW BUSH SCALLOPED. Similar to White Bush except in color. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

LARGE WINTER CROOKNECK. The kind most cultivated for fall and winter. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 55c.

MAMMOTH CHILI. Often attaining the weight of 200 pounds; excellent for pies or stock. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., $1.50.

ITALIAN COCOZELLE. Italian grows about 20 inches long, with a diameter of 3 or 4 inches. Skin smooth, dark green, marbled yellow or paler green. In Italy it is eaten when quite young. Pkt., 5c; ¼-lb., 30c; lb., $1.00.

Spinach. Spinat.

One ounce will sow 50 feet of drill.

Twelve to sixteen pounds will sow an acre.

BLOOMSDALE CURLED SAVOY-LEAVED. A variety highly popular among gardeners. The leaf is wrinkled in the same manner as the Savoy Cabbage; is the hardiest of all the Spinach family, and produces nearly twice the weight of the old varieties in crop. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

ROUND THICK-LEAVED SUMMER. An excellent, productive and hardy variety. Very popular. Equally good for spring or fall sowing. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

Price of above varieties of Spinach seed in 10-lb. lots, $1.50, purchaser paying express or freight charges.

LONG-STANDING. Does not incline to run to seed as most others. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

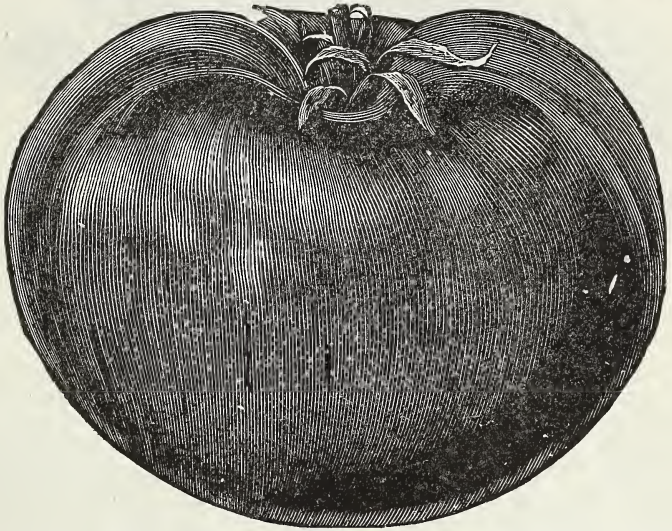
PRICKLY-SEEDED. Rather more hardy than any of the above named sorts. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 25c.

NEW ZEALAND. This variety produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.

Tomato. Liebesapfel

One ounce will produce about 1,500 plants; one quarter pound to transplant for one acre

Sow the seed in February or March, in the hot-bed, or in any sunny place in the house. To make very healthy, stocky plants, they may be transplanted when about two or three inches high. When eight or ten inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.



ACME. Smooth, solid, prolific, dark red, purplish tint. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

BEAUTY-LIVINGSTON'S. Large, uniform size, color glossy crimson, purplish tinge, leading variety. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

BUCKEYE STATE. Very large, smooth and firm, heavy late cropper, purplish pink. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.25.

DWARF CHAMPION. Dwarf and compact, very early, purplish tint. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50.

DWARF STONE. Fruits are large, smooth, firm, solid and meaty. Ripens evenly, free from cracks. Bright scarlet. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50.

EARLY DETROIT. Similar to Beauty, nearly globe shaped, firm and smooth. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb. $2.50.

EARLIANA. Earliest, round, smooth and firm, bright red. Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., $2.00.

GLOBE-LIVINGSTON'S. The fruits are large and of a good marketable size. Always smooth, of firm flesh, ripens evenly; color, a fine, glossy rose, tinged with purple and is unsurpassed for slicing. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50.

IMPERIAL. Early large smooth, solid variety, color, red tinted with purple. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.25.

JUNE PINK. Early, fruit smooth, almost round, borne in clusters, ripens evenly. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50.

MAGNUS. Fruit large and very deep from stem to blossom end, desirable flavor. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00.

PONDEROSA. Grows to an enormous size, dark crimson. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.75.

RED ROCK. Large, solid, smooth as an apple, color, red. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50.

THE STONE. A fine red variety, very solid and smooth, a splendid main crop sort. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

TRUCKERS' FAVORITE. Largest and perfect shipping variety, ripens early and evenly, good flavor, flesh solid purplish red. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

WHITE'S EXCELSIOR. A main crop early purple variety, large size, fruit large, heavy and solid, coloring evenly about the stem. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.25.

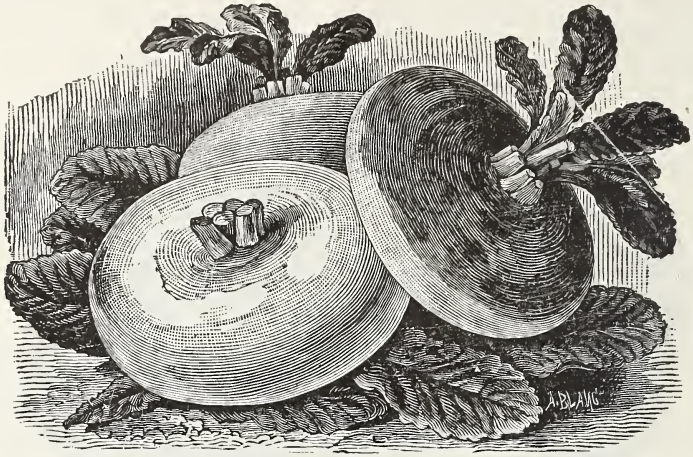
YELLOW. Large, round, for slicing and preserves. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75.

Preserving Varieties.

YELLOW PLUM. Pkt., 5c; oz. 30c.
YELLOW PEAR. Pkt., 5c; oz., 30c.
YELLOW CHERRY. Pkt., 5c; oz., 30c.
RED CHERRY.

TURNIPS. Weiße Rüben.

One ounce will sow 100 feet of drill. One pound will sow one acre.



For early, sow in March, in drills half an inch deep and twelve inches apart. Thin to six inches apart in the drill For main crop sow broadcast during July and August, and just before or during a showery time if possible. The soil should be rich and mellow and kept free from weeds.

EXTRA EARLY PURPLE-TOP MILAN. Of handsome appearance, somewhat flattened, white, purple top, flesh snow-white, fine grained and delicate flavor. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., $1.00.

SWEET GERMAN. Resembles the Ruta-Baga in growth. A white flesh, very solid and sweet. Principally sown in the South. Ounce 10c; ¼ lb., 20c; lb., 50c.

WHITE FLAT DUTCH, EARLY STRAP-LEAVED. A white fleshy variety, of quick growth, mild flavor and excellent quality. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

RED OR PURPLE STRAP LEAF. This variety is the principal sort for spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor and a good keeper. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

LARGE RED TOP WHITE GLOBE. A variety of decided merit. Very handsome and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth and an excellent keeper. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

WHITE EGG. For spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 50c.

LONG WHITE OR COW HORN. Grows partly above ground; very productive; flesh white, fine grained and sweet. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 50c.

LARGE WHITE GLOBE. Flesh coarse grained and sweet; one of the best late varieties for stock, not so desirable for table use. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

YELLOW GLOBE OR AMBER. Flesh firm and sweet; grows to a large size; excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

SEVENTOP OR TURNIP WINTER GREENS. Sow in September to stand all winter, producing early in the spring an abundance of fine greens. Pkt., 5c; oz. 10c; ¼-lb., 15c; lb., 50c.

Rutabaga. Steck-Rüben

The Rutabaga or Swedish Turnip, is extensively grown for a farm crop; the roots are closed grained, very hard and will endure a considerable degree of cold without injury. Sow from 20th of June to 20th of July, in drills two feet apart, and then thin out to eight or ten inches.

AMERICAN YELLOW, PURPLE TOP. This variety is largely grown both for the table and feeding stock; flesh very solid, fine quality, keeps until summer. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

Tobacco. Tabak

Sow in hot-beds or out of doors as soon as the ground can be worked, in rich, dry soil, keep free from weeds and water frequently if the weather is dry; set out in May or June, three feet apart, in heavily manured land. One ounce will produce 4,000 to 5,000 plants.

MISSOURI BROAD LEAF.

WHITE BURLEY. A popular variety.

HAVANA. The best for filler.

CONNECTICUT SEED LEAF. Best variety for cigar wrappers.

Any of the above pkt., 5c; oz., 30c; ¼-lb., $1.00.

Sweet and Pot Herbs.
Küchen-Kräuter

Every garden should contain a few herbs for culinary or medical purposes. The chief point is to harvest them properly, which should be done on a dry day, when not quite in full bloom; then dry quickly and pack closely, and entirely exclude from the air. Sow early in the spring in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

	Pkt.	Oz.
Anise	5	10
Balm	5	20
Basil, Sweet, Large-leaved	5	15
Basil, Sweet, Small-leaved	5	15
Borage	5	15
Caraway	5	10
Chervil	5	15
Coriander	5	10
Dill	5	10
Fennell	5	15
Lavender	5	15
Marjoram, Sweet	5	20
Rosemary	5	30
Sage	5	15
Saffron	5	15
Summer Savory	5	20
Sorrel, Broad-leaved	5	15
Sweet Thyme	5	20
Tarragon or Estragon	10	

Miscellaneous Seeds.

Chicory. Chicorienwurzel.

LONG ROOTED OR COFFEE. Sown in drills, the roots become well developed. When they are dried, roasted or ground, they become the Chicory of commerce, and are used in adulterating coffee. Pkt., 5c; oz., 15c.

Dandelion. Löwen-Zahn.

Cultivated for spring greens and for salad Sow in May or June, in drills half an inch deep and twelve inches apart.

LARGE THICK-LEAVED. Cultivated. Pkt., 5c; oz., 25c; ¼-lb, 75c; lb., $2.50.

Melde.

GARTEN MELDE. Used extensively in parts of Germany on account of its ability to withstand hot, dry weather. An excellent substitute for Spinach. Pkt., 5c; oz., 10c; ¼-lb., 35c.

Rhubarb. Rhabarber.

PIE PLANT OR WINE PLANT. Cultivated for its leaf stalks, which are used for tarts and pies, also as a sauce. It is very wholesome and should be grown in every garden.

MYATT'S VICTORIA. Very large and finest cooking variety. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., $1.50.

Miscellaneous Roots.

Express and Freight Charges Always to be paid by the Purchaser.

Asparagus Roots.

COLUMBIAN WHITE MAMMOTH. Strong two-year-old roots. Per 100, 75c; per 1,000, $6.00.

PALMETTO. Strong two-year-old roots. Per 100, 75c; per 1,000, $6.00.

HOW TO MAKE AN ASPARAGUS BED.

Mark out rows for field culture six feet apart with a two-horse plow, going twice in a row, getting row as deep as possible without getting in the yellow soil, spread in row good well-rotted manure or fertilizer, drop on manure about ten inches apart (eye up) good two-year-old roots, cover with a hoe about two inches. In about two or three weeks the Asparagus will be up enough to cultivate; work same as any other field crop, gradually working in soil as season advances, naturally it will work itself in; the following spring, plow off with a one-horse plow very shallow so as to not cut the crowns, and work same as previous season; the next season your bed will be ready for cutting for market, simply plow to, same as season before, then turn in with a two horse plow and rake off the top and your bed is completed, and you can cut every day, till July 4th—a bed made this way will last for twenty years. For a garden, follow same plan; but as the gardens are generally very rich, you can plant much closer, and work by hand, instead with horse and plow. Plant March, April or May.

Jerusalem Artichokes.

Per peck, 50c; per bu., $1.50.

This variety is grown for its tubers, which somewhat resemble the potato in appearance, but are different in flavor. It it is used as a vegetable and for feeding cows, sheep and hogs. It is a productive and profitable food. Plant in rows four feet apart and cultivate the same as potatoes.

Horse Radish Roots.

Per 100, 75c; Per. 1,000, $5.00.

The best Horse Radish is produced from small pieces of roots 6 or 8 inches in length. These small roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy, and may be left in the ground until spring before digging.

Rhubarb

Each, 15; Per dozen, $1.50.

These may be planted early in the spring or in fall, setting the roots three feet apart each way. It requires but little labor to plant, and when once planted in good rich soil it will remain in bearing condition many years.

Flower Seed Section

NASTURTIUMS.

They bloom best in thin, well-drained soil; the richer the soil the fewer blooms and more leaf-growth. Dwarf nasturtiums make fine bedding and border plants; the tall sorts are well adapted for covering trellises, unsightly places, etc.

DWARF

Tropaeolum Nanum

CORNELI'S NON PLUS ULTRA MIXTURE is composed of all the latest novelties and large-flowering varieties, and ranges in color through every shade and tint of this favorite flower. Per pkt., 5c; oz., 15c; ¼ lb., 40c.

MIXED. Standard varieties. Per pkt., 5c; oz., 10c; ¼ lb., 25c.

TALL

Tropaeolum Majus

CORNELI'S PRIZE MIXTURE. This excellent strain of large-flowering, ever-blooming Nasturtiums has a wonderful diversity of rich colors and combinations of every shade and tint of this gorgeous flower. Per pkt., 5c; oz., 15c; ¼ lb., 40c.

LOBB'S NASTURTIUMS (Tropaeolum Lobbianum). Leaves are smaller and the flowers more numerous than those of the ordinary tall varieties. Excellent for window boxes. Mixed. Per pkt., 5c; oz., 10c; ¼ lb., 30c.

MADAME GUNTHER'S HYBRIDS. The foliage is mostly dark and contrasts very effectively with the rich colors of the flowers. Per pkt., 5c; oz., 15c; ¼ lb., 50c.

MIXED. Standard sorts. Pkt., 5c; oz., 10c; ¼ lb., 25c.

Abronia.

Charming trailer, with Verbena-like heads of sweet-scented flowers, blooming the whole season. Effective in beds, borders, rock-work and hanging baskets. Half-hardy annual.

1. **UMBELLATA.** Rosy lilac, white eye; 6 inches. Pkt., 5c.

Ageratum.

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; in bloom the whole summer. Indispensable for bouquets. Hardy annual.

3. **SWANLEY BLUE.** 14 in. Pkt., 5c.

Amaranthus.

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equaled by any similar class of plants. Half hardy annuals.

4. **CAUDATUS.** (Love Lies Bleeding) Dark, drooping flower spikes; 2 feet. Pkt., 5c.

5. **TRICOLOR.** (Joseph's Coat.) Leaves red, yellow and green; 3 feet. Pkt., 5c.

6. **BEST VARIETIES.** Mixed. Pkt., 5c.

Asters.

Splendid class of plants. One of the most popular and effective of our garden favorites. Of no variety has there been such rapid strides toward improvements within the past few years as with the Asters. Always reliable, with the greatest profusion of rich colors, and easy to cultivate. Half-hardy annuals.

8. **LARGE FLOWERING.** Very handsome, double, and remarkable for the large type of flowers. 18 inches Mixed colors. Pkt., 5c.

9. **DWARF CHRYSANTHEMUM-FLOWERED, DOUBLE.** Plants only 10 to 12 inches high, producing fine, large, double flowers, resembling Chrysanthemums, and valuable on account of profuse flowering. Fine mixed colors. Pkt., 5c.

11. **GIANT COMET.** The petals are very long and recurved, having much the effect of the finest chrysanthemums and continuing in bloom till quite late in the season. Plants about 2 feet high. Mixed colors. Pkt., 10c.

12. **TRUFFAUT'S PAEONY-FLOWERED.** Represents the greatest perfection of the Aster family, which for form of flowers, variety and brilliancy of colors, and habit of growth, is universally admitted to surpass all others. 18 inches. **Choice double mixed.** Pkt., 5c.

14. **CREGO.** Plants grow long, strong stems support fluffy graceful flowers of a perfection hitherto unknown among Asters. They average 4 to 5 inches across and are unsurpassed for cutting; very early. **Mixed colors**—Pink, White, Lavender. Pkt., 10c.

15. **VICK'S WHITE BRANCHING.** The flowers are pure white, 4 inches and more in diameter, and borne on long stems. Pkt., 10c.

16. **DAYBREAK.** Flowers are very large and double, beautiful shell-pink color. A grand Aster for cutting purposes, 2 feet high. Pkt., 10c.

17. **QUEEN OF THE MARKET.** About two or three weeks earlier than most other Asters. They bloom profusely and are of graceful habit. The perfect flowers are borne on long stems and in great variety of colors; extremely useful for cutting. Height 1½ feet. **Mixed colors**—all colors in finest mixture. Pkt., 5c. **Separate colors**—White, Crimson, Dark Blue, Light Blue, Rose. Pkt., 10c.

Balsams.

(Lady's Slipper, or Touch-Me-Not.)

An old favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in great profusion; of easy culture; succeeds in good, rich soil; tender annuals; 2 feet.

18. **DOUBLE.** Finest varieties and colors, mixed. Pkt., 5c.

19. **DOUBLE CAMELIA AND ROSE-FLOWERED.** An excellent strain of choice, large-flowering, double balsams, remarkable for bright and effective colors, embracing varied varieties. **Choice mixed.** Pkt., 10c.

21. **DOUBLE WHITE PERFECTION.** This is a fine strain of Double White Balsam. Continue a long time in bloom. Pkt., 10c.

Brachycome.

(Swan River Daisy.)

Beautiful free-flowering plant, covered the whole summer with a profusion of pretty Cineraria-like flowers very effective in edgings, beds or pot culture, succeeding in any good, rich soil. Hardy annuals; 1 foot.

27. **FINE MIXED.** Blue and white, Pkt., 5c.

Cacalia.

TASSEL FLOWER. Pretty tassel-like flowers in profusion, borne on long, slender stems. Hardy annuals; 18 inches.

30. **FINE MIXED.** Pkt., 5c.

Calendula.

POT MARIGOLD. Showy, free-flowering, hardy annuals, growing in any garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 foot.

32. **DOUBLE VARIETIES.** Very showy double flowers, all colors mixed. Pkt., 5c.

Calliopsis, or Coreopsis.

One of the most showy, free-flowering of hardy annuals; its graceful and showy flowers, embracing nearly every shade of yellow, orange or rich brown, verging to crimson, and borne on slender stems, are particularly well adapted for bouquets. One to three feet high.

33. Single and double varieties, finest mixed. Pkt., 5c.

34. **CUPHEA—CIGAR PLANT.** A favorite plant for the summer flower garden, also for baskets, vases, etc., bearing innumerable vermillion tube-shaped flowers. Sow in hot-bed or window. Pkt., 5c.

Campanula, or Venus' Looking-Glass.

A free-blooming, hardy annual; succeeds well in rich soil, and is of easiest cultivation. One foot.

36. **SPECULUM.** All colors mixed. Pkt., 5c.

Canterbury Bells.

Popular and beautiful hardy perennials, bearing a great profusion of attractive flowers. Sow early in March in seed-bed, and afterward transplant to one and a half feet apart. Flower the first season.

38. **CANTERBURY BELLS.** All classes and varieties, single and double, extra. mixed. Pkt., 5c.

Candytuft.

IBERIS. One of the most useful border hardy annuals, very effective in beds, groups, ribbons, etc; also very useful in pot culture during winter; indispensable for bouquets.

40. **FINE MIXED.** All colors. Pkt., 5c.

41. **PURE WHITE.** Fragrant. Pkt., 5c.

Canna

INDIAN SHOT. The Cannas are a very stately species of plants, highly ornamental, producing a very rich and oriental effect by their large, broad and massive foliage, and crimson, scarlet or orange flowers. Cut away some of the hard cuticle around the seed, then soak twelve hours in hot water, before planting in a hot-bed or box in the house. Tender perennials.

43. **FINEST VARIETIES.** Mixed. Pkt., 5c.

44. **CROSZY'S LARGE-FLOWERING DWARF, FRENCH.** Choicest mixed. Pkt., 10c.

Carnation

46. **DOUBLE EXTRA CHOICE MIXED.** Seed saved from a choice collection of double flowers. Pkt., 10c.

47. **CARNATION, MARGUERITE.** Flowers four months after sowing the seed, its profuson of bloom, variety of beautiful colors and delicious perfume, insure its popularity in all gardens where cut flowers are in demand. Price per pkt., 10c.

MALMAISON OR GIANT MARGUERITE. Extra large and perfect flowers, in a rich variety of colors. Pkt., 15c.

Chrysanthemum

A handsome plant, with striking and brilliant flowers in endless variety, blooming till late in Autumn, when it is in its full glory, producing double and single flowers of various shades; very attractive for bouquets and vases. Sometimes called "Painted Daises." Hardy annuals; 18 inches.

51. **FINEST MIXED, SINGLE AND DOUBLE.** Many colors. Pkt., 5c.

53. **INDICUM FLORE PLENO.** The well known fall Chrysanthemum. Chinese and Japanese, large-flowering, double varieties. Finest mixed. Pkt., 15c.

Clarkia

A favorite plant, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; seed sown in autumn will give early spring flowers. Hardy annual; 18 inches.

55. **FINE MIXED.** Double and single. Pkt., 5c.

Cockscomb, or Celosia.

Free-blooming, graceful plants, growing best in rather light soil, not too rich; produce spikes of beautiful, feathery and comb-shaped flowers. Half-hardy annuals.

56. **CRISTATA NANA, MIXED.** A choice mixture of the newest dwarf crested varieties, embracing the most brilliant colors. One foot. Pkt 5c.

57. **CRISTATA, GLASGOW PRIZE.** A splendid distinct dwarf variety, with dark foliage and crimson combs. One foot. Pkt., 10c.

58. **PYRAMIDALIS PLUMOSA, MIXED.** Feathery spikes; violet, gold and crimson; very fine. Three feet. Pkt., 5c.

Aster, No. 12.

Sweet Alyssum, No. 313.

Cosmos, No. 70.

Nasturtium, No. 160.

Drummondi Phlox, No. 262.

Chinese Pink, No. 254.

Petunia, No. 249.

Verbena, No. 319.

Four O'Clock, No. 103.

Cockscomb, No. 56.

Portulacca, No. 267.

Larkspur, No. 136.

Corn Flower.

CENTAUREA. Free-flowering, hardy annual, well known and popular; very valuable for cut flowers; two feet.

60. CYANUS. All colors mixed. Pkt.,5c.

61. CYANUS FLORE PLENO. A double variety. Packet, 10c.

62. CENTAUREA, KAISER WILHELM. Blue. Packet, 5c.

63. CENTAUREA, GYMNOCARPA. 10c.

Columbine.

AQUILEGIA. A free-flowering, hardy plant. Flowers in the greatest profusion, early in the spring, and growing with such ease and freedom, they ought to be grown by all. Hardy perennial; two feet

64. FINEST MIXED. All colors. Pkt.,5c.

Coleus.

Highly ornamental plants, in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens for pots and vases. Half-hardy perennial; one to two feet.

65. FINEST VARIETIES MIXED. Pkt., 20c.

Convolvulus Minor

DWARF MORNING GLORY. Rich-colored, handsome, dwarf, trailing plant, producing in beds and mixed borders an unusually brilliant effect; hardy annual; one foot.

69. TRICOLOR MINOR. All colors mixed. Pkt., 5c.

Cosmos.

An Autumn-blooming plant, growing four or five feet high, and bears beautiful flowers in loose clusters, which wave to and fro when disturbed by a passing wind. The blooms are the various shades of pink, lilac, light purple, white; are excellent for cutting and bouquets. Half-hardy annual.

70. HYBRIDUS. Fine mixed. Pkt., 5c.
71. COSMOS. Pure White. Pkt., 5c.
71a. COSMOS. KLONDYKE. Orange flowers. Packet.....5c.
72. TINTS OF DAWN. Early flowering 5c

Double Daisy.

BELLIS PERENNIS. Everyone knows the Daisy. Give it a cool, partially shaded place. Sow seed very early. The flowers are abundant in early spring. Plants can be removed safely even when in flower, Plant about six inches apart.

76. EXTRA CHOICE. Double mixed. Pkt., 10c

77. SHASTA. Flowers triple the size of the ordinary Daisy. Mixed colors. Packet, 10c.

Dahlia.

Thls well-known flower succeeds admirably from seed if started early in hot-bed or the house and produces different colors and kinds. It is in this way that new sorts are originated. Tender perennial.

78. CHOICE DOUBLE MIXED. Pkt., 10c.

79. SINGLE VARIETIES. From their grace and beauty are much used for cut flowers;that bloom from August until frost. Two to four feet. Fine mixed. Pkt., 10c.

Datura.

TRUMPET FLOWER. The plant is of robust habit and grows to a good-sized shrub the first season. The flowers are trumpet-shaped, half-double. Very ornamental and showy. Half-hardy biennial. Four feet.

81. HUBERIANA. Double and mixed Pkt., 5c.

81a. DATURA CORNUCOPIA. Horn of Plenty Fragrant. Packet, 5c.

Eschscholtzia.

CALIFORNIA POPPY. Free-flowering, handsome, hardy annual, with bright, showy flowers, blooming freely all summer. Excellent for beds, borders or rockwork; one foot

84. FINE MIXED. Pkt., 5c.

Evening Primrose.

OENOTHERA. Charming, hardy annuals, with large, showy flowers; old favorites in the flower garden. The flowers open in the evening.

87. DIFFERENT VARIETIES, MIXED. Pkt., 5c.

Helichrysum.

Straw Flower.

Bright and attractive summer blooming annuals of free growth, and producing in abundance large double red, white and yellow flowers, valuable as an "Everlasting."

92. MONSTROSUM LARGE FLOWERING, DOUBLE MIXED. Per pkt.. 5c.

Globe Amaranth.

93. BACHELOR'S BUTTONS. These are annuals, forming bushy plants about two feet high and bearing a great many flowers of purple, white, striped, etc. Quite ornamental as summer blooming plants, and very desirable "Everlastings." Pkt., 5c.

Mixed Ornamental Grasses.

Our own mixture of seed; all the best annual varieties. A single packet will supply in abundance a great variety of the most attractive annual ornamental grasses.

97. EXTRA MIXTURE. Pkt., 5c.

Feverfew.

101. **EXIMA fl. pl.** (Double White Feverfew.) Handsome, double, white flowers and densely curled foliage. Pkt., 5c.

Four O'clock.

MARVEL OF PERU. Well - known hardy biennials. The flowers–red, white, yellow, and variegated—grow in clusters on the summit of the stem. They are exceedingly fragrant, expanding in the evening and withering in the morning. The roots may be preserved through the winter like Dahlias.

103. **ALL COLORS, MIXED.** Pkt., 5c.

Forget-Me-Not.

MYOSOTIS. Popular and charming little plant, bearing delicate and blue flowers, which are highly prized for their modest beauty. Sow in April, choosing a moist and shady situation. Hardy biennial.

105. **ALPESTRIS, MIXED.** Pkt., 5c.

Foxglove.

DIGITALIS. A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

107. All colors, mixed. Pkt., 5c.

Gaillardia.

BLANKET FLOWER. One of the most brilliant and dazzling of our garden flowers. Most suitable for bedding, producing large flowers in great abundance throughout the entire summer. Hardy annual; 18 inches.

111. **PICTA.** Fine mixed. Pkt. 5c.

Geranium.

Well-known favorites, used extensively for bedding in masses, ribbons, etc. When sown early, geraniums will bloom the first year from seed; 1 to 2 feet. Half-hardy perennial.

114. **ZONALE.** Fine varieties, Mixed Pkt., 10c.

Gilia.

Pretty dwarf plants, flowering early and continuing in bloom all summer. Sow end of March in open ground, and thin out to six inches apart. Hardy annual.

116. **TRICOLOR.** Mixed colors. Pkt., 5c.

Godetia.

Beautiful, hardy annuals, of easy cultivation in any good garden soil. Their profuseness of bloom and delicate tints of color have long rendered them universal favorites. Fine for beds, mixed borders and ribbons; 1 foot.

120. **FINE MIXED.** Choice mixed. Pkt., 5c.

Gypsophylla.

122. **ELEGANS.** Pure white. Pkt., 5c.

123. **PANICULATA (Baby's Breath).** Pure white. Pkt., 5c.

Hollyhocks.

This splendid plant, from its splendid growth, and the varied colors from its magnificent, large spikes of flowers, may justly claim a place in every large garden or pleasure ground. Seed sown in June and July willl flower the following summer. Hardy perennial.

126. **CHOICE DOUBLE VARIETIES, MIXED.** Pkt., 10c.

Honeysuckle. (*French.*)

HEDYSARUM. Well-known hardy perennial, blooming freely the first year from seed.

FINE MIXED. Pkt., 5c.

Job's Tears.

CURIOUS ORNAMENTAL GRASS. Corn-like leaves, seed of a slate color. Pkt., 5c; oz., 20c.

Ice Plant.

TRAILING PLANT. Suitable for rock work. Leaves are covered with crystal-like globules. Pkt., 5c.

Larkspur.

Plants of great beauty, richness and endless variety of colors, with great duration and profusion of bloom, and when planted in beds masses of ribbons are strikingly effective. Hardy annuals.

136. **DOUBLE DWARF.** Mixed colors. Pkt., 5c.

137. **TALL DOUBLE.** Colors mixed. Pkt., 5c.

Lobelia.

A very beautiful class of dwarf-growing plants. Their charming little flowers render them exceedingly fine for vases, baskets, bedding or edges. Hardy annuals.

140. **FINE MIXED.** Mixed. Pkt., 5c.

141. **COMPACTA, CRYSTAL PALACE.** Blue; the best bedding variety. Pkt., 5c.

Marigold.

A well-known free-flowering plant of easy culture, with rich and beautiful double various colored flowers. Half-hardy annuals.

145. **AFRICAN, TALL DOUBLE.** Mixed colors. Pkt., 5c.

146. **DWARF FRENCH DOUBLE.** Mixed colors. Pkt., 5c.

147. **LEGION OF HONOR.** Single dwarf yellow and brown. Pkt., 5c

Mourning Bride.

SCABIOSA. Producing a great profusion double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc., hardy annual.

154. All colors, mixed. Pkt., 5c.

Mignonette, No. 150.

Pansy, No. 241.

Double Daisy, No. 76.

Snapdragon, No. 297.

Marigold, No. 146.

Ten-Week Stocks, No. 301.

Zinnia, No. 331.

Sage, No. 290.

Globe Amaranth, No. 93.

Elchrysium, No. 92.

Sweet William, No. 316.

Poppy, No. 270.

Mignonette.

RESEDA. Well-known fragrant favorites. If the plants are thinned out they will grow stronger and produce larger spikes of flowers, fine for pot or garden culture, and can be had during the whole year by sowing at intervals. Hardy annuals.

150. Large flowering. Pkt., 5c.

151. **MACHET.** Well adapted for pot culture; dwarf pyramidal growth, one of the best. Pkt., 5c.

152. **BISMARCK.** Improved machet. Pkt., 5c.

Nasturtium Dwarf.

NICOTIANA (Sanderae). Forms bushy, much-branched plants 2 feet high, the whole plant literally ablaze with handsome carmine-red fragrant blossoms. Pkt., 10c.

Nigella.

LOVE IN A MIST, OR DEVIL IN THE BUSH. A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil. Hardy annual; 1 foot.

166. Blue and white mixed. Pkt., 5c.

Petunia.

Favorite plants, succeeding well in any rich soil. For the brilliancy and variety of their colors, abundance of flowers, and the long duration of their blooming period. Half hardy biennials.

248. **FINE MIXED.** All colors. Pkt., 5c.

249. **LARGE FLOWERING FRINGED.** Splendid mixture of large flowering sorts, striped and spotted. Pkt., 10c.

250. **DOUBLE LARGE FLOWERING.** Beautiful varieties saved from a prize collection in finest mixture. Pkt., 25c.

Pansy.

HEARTSEASE. The pansy is the most popular of all flowers grown from seed. It is everywhere popular, both for the brilliant beauty of its flowers and the long continuation of bloom. Pansies delight in a cool, moist situation, partially protected from the hot noonday sun; in exposed positions in hot summer weather the flowers will be smaller. Hardy biennials.

240. **FINE MIXED.** Fine varieties and colors mixed. Pkt., 5c.

241. **GERMAN LARGE FLOWERING, EXTRA CHOICE.** Mixed; saved from a fine collection; flowers very large, perfect in form, and marking of the richest and most beautiful colors. Pkt., 10c.

242. **CORNELI'S PRIZE MIXTURE.** Remarkable for the extra large size of the flowers, which are carried well above the foliage. Most of the flowers are marked with three large blotches or spots, embracing all the most beautiful colors. Pkt., 15c.

PANSY. Germania or Masterpiece. Superb new class of blotched Pansies, with large blooms. Mostly undulated or curled; fine, rich colors. Pkt., 15c.

Pinks.

Dianthus, Chinnesis, Flore Pleno.

CHINESE. The China Pinks are deservedly very popular, as but few flowers can equal them in beauty and profusion of bloom. They comprise many distinct and most beautiful marked varieties of rich and varied colors. They live over winter. They are alike ornamental in the garden or for bouquets. The plants grow generally 10 to 15 inches high, and are of the easiest cultivation. Hardy biennials.

254. **DIANTHUS CHINENSIS.** Finest double, mixed. Pkt., 5c.

255. **HEDEWIGGI, fl. pl.** Finest, double mixed. Extra choice. Pkt., 5c.

256. **DIADEMATUS, fl. pl.** Marked like the very double, large flowers, magnificent in color and variety. Choice mixed. Pkt., 5c.

257. **CORNELI'S SPECIAL MIXTURE.** A new and magnificent strain, very rich and effective. Pkt., 10c.

Pheasant Eye Pink.

The well-known garden pink. The flowers are deeply fringed or feathered, white or pink with dark eye. Hardy perennial.

260. **SINGLE.** All colors mixed. Pkt., 5c.

Phlox Drummondii.

These flowers are of extreme beauty, and are greatly admired by all. Their long duration in bloom, combined with their almost unequaled richness of color. A finer sight than a bed of Phlox Drummondii is rare to be seen. Half-hardy annual.

263. **LARGE FLOWERING.** Extra Choice mixture of brightest color. Pkt., 5c.

264. **CUSPIDATA, STAR - SHAPED.** Splendid mixture. Pkt., 5c.
Perennial-hardy. Pkt., 10c.

Portulacca.

ROSE MOSS. For brilliancy and beauty of color, Portulaccas are unrivaled. They delight in sunny situations and light soils, where they rapidly carpet the ground, each plant covering a space of about 10 inches in diameter; 6 inches. Half-hardy annuals.

267. **FINEST SINGLE, MIXED.** A great variety of colors. Pkt., 5c.

268. **DOUBLED ROSE - FLOWERED, MIXED.** Unsurpassed for brilliancy of color and great beauty. Pkt., 10c.

Poppy.

PAPAVER. A showy and easily cultivated hardy annual, with large brilliant-colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain, as they will not bear transplanting; 2 feet.

270. **POPPY CARNATION, OR PÆONY-FLOWERED.** Very double mixed; all colors. Pkt., 5c.

271. **POPPIES DOUBLE SHIRLEY.** Mixed colors Pkt., 5c.

Pyrethrum.

GOLDEN FEATHER. Handsome herbaceous plants for margins, beds, etc. They are of easy culture and can be sown in house and transplanted, or in open ground in April. Hardy perennial.

281. **GOLDEN GEM.** Valuable as an edging on account of its bright-yellow foliage. Pkt., 5c.

Ricinus.

CASTOR OIL PLANT. Well-known annual, with very ornamental foliage and showy fruit. Fine for center of bed, as it gives a magnificent semi-tropical appearance, or planted thick, they make a fine screen or hedge; 6 to 10 feet.

283. **RICINUS.** Finest varieties, mixed. Pkt., 5c.

Rose of Heaven.

COELI ROSA. Handsome, hardy annuals, making a splendid show when massed; large, round, single flowers of white, scarlet, blue, flesh, margined and marked with various colors; 18 inches.

285. **FINE MIXED.** All colors. Pkt., 5c.

Salpiglossis.

Flowers resembling the Petunia in shape and size. It is very free flowering and makes a grand show for months. Hardy annual.

287. **FINEST MIXED.** All shades and colors; 18 inches. Pkt., 5c.

Salvia.

FLOWERING SAGE. The most beautiful of all flowers; the brilliant spikes produce for months a dazzling effect. Of easy culture and fine for massing and bouquets. Half-hardy annual. Pkt., 5c.

290. **SPLENDENS.** Bright scarlet, spikes varying from 16 to 24 in. in length. Pkt., 10c

Sensitive Plant.

MIMOSA. Curious and interesting plant with pinkish-white flowers; the leaves close and droop when touched or shaken. Tender annual.

293. **PUDICA.** 1½ feet. Pkt., 5c.

Snapdragon.

ANTIRRHINUM. One of the most beautiful and useful border plants, blooming profusely the first season from seed until after frost. Half-hardy perennials.

297. **TALL VARIETIES.** 2 feet. Pkt. 5c.

298. **DWARF VARIETIES.** Mixed; ¾ foot. Pkt., 5c.

Stocks.

GERMAN TEN WEEKS (GILLIFLOWERS) Unsurpassed for bedding, massing, edging or pot culture, being very free and long bloomers, and of much diversity and brilliancy of color, and richly fragrant, and largely used in summer for bouquets and floral work.

300. Fine mixed. Pkt., 5c.

301. **LARGE FLOWERING DOUBLE.** Mixed Pkt. 5c.

Sunflower.

HELIANTHUS. Old favorites, too well known to need any description. Excellent subjects for distinct effects in shrubbery, etc. Of the easiest culture.

310. Globe-shaped, double yellow; 7 feet. Pkt., 5c.

311. **CUCUMERIFOLIUS.** Covered with bright orange single flowers. Pkt., 5c.

Sweet Alyssum.

One of the most elegant and useful little flowers cultivated; blooms continuously through the summer.

313. **PURE WHITE.** Fragrant., Pkt. 5c.

314. **LITTLE GEM OR TOM THUMB.** Pkt., 5c.

Sweet Violets.

An old favorite, much prized for its delightful perfume. The seed germinates very slowly. Hardy perennial.

315. **VIOLA ODORATA.** Mixed. Pkt., 10c.

Sweet William.

Well-known hardy perennial; no garden should be without them; they are free-flowering, in any variety of colors.

316. **DOUBLE AND SINGLE MIXED.** Pkt., 5c.

Verbenas.

One of the most effective bedding plants; unrivaled in the splendor of its dazzling brilliancy of flower. Plants grown from seeds or fragrant, and also thrifty growers and free bloomers. If the flowers are cut as they begin to fade a mass of bloom can be produced until killed by frost. Half-hardy perennials.

318. All colors mixed. Pkt., 5c.

319. **LARGE - FLOWERING.** Mixed. Pkt., 10c.

Vinca.

PERIWINKLE. A class of very pretty, free-flowering, with shining green foliage and beautiful flowers. Tender perennial; 2 feet.

321. Rose and white mixed. Pkt., 10c.

Wallflower.

Deliciously, fragrant garden plants. blooming early in the spring, with beautiful flowers; are much prized for bouquets. Half-hardy perennials.

323. **FINEST DOUBLE MIXED.** Pkt., 10c.

325. **SINGLE MIXED.** Pkt., 5c.

Zinnias.

DOUBLE. Very handsome fall-flowering plants, of great richness and variety of color. Its splendid double flowers rivaling in beauty, size and form moderate-sized Dahlias. Half-hardy annuals.

330. **DOUBLE CHOICEST COLORS, MIXED.** Pkt., 5c.

331. **NEW GIANT.** Giant in size, and perfectly double flowers of richest, most varied colors and shades; plants grow 2 feet high, blooming freely during long periods; particularly valuable for group. Choicest mixed. Pkt., 10c.

Wild Flower.

A mixture of annuals and biennials in endless varieties, colors, etc. Pkt. 5c; ½ oz., 15c; oz., 25c.

AGROSTEMA — COELI - ROSEA. The Rose of Heaven is very free flowering. Fine for beds. Pkt., 5c.

ANTIRRHINUM (Snapdragon). Giant Queen Victoria. Extra large; pure white. Used by florists for cutting. Pkt., 10c.

COREOPSIS. A perennial, with light, graceful foliage and beautiful golden flowers. Blossoms in midsummer and is one of the best yellow cut flowers. Lanceolata Grandiflora. Pkt., 10c.

CELOSIA (Cock's comb).

Thompsoni magnifica. Excellent crimson type of pyramidal growth, often attaining the height of 3 feet, with beautiful, feathered plumes.

Thompsoni magnifica, Yellow. Pkt., 10c.

Thompsoni magnifica, Mixed. Pkt., 10c.

CALLENDULA (Prince of Orange). Beautiful orange color. Pkt., 5c.

HELIOTROPE. Few know how easily heliotrope can be grown from seed, flowering the first season. To have the longest blooming season, sow early indoors. No flower is more deliciously fragrant or more useful for bed and pot culture. Height 2 feet. Pkt., 10c.

KOCHIA TRICOPHYLLA. Summer Cypress or Ball of Fire. Grows quickly from seed. Bright green bushes, turning to scarlet in autumn. Very pretty. Pkt., 5c.

LARKSPUR (Hardy). One of the most beautiful and useful perennials. Effective in borders or among shrubs. If sown early will bloom first year from seed. **Delphinium Formosum.** Pkt., 10c.

LUPINS. Mixed. Showy hardy plants from 2 to 3 feet high, producing spikes of attractive flowers. Pkt. 5c.

MARYGOLD. — SUNRISE (Dwarf French). A new variety of special merit. Pkt., 5c.

MIMULUS or Musk Plant. Trailing plant for hanging baskets, window-boxes, etc.; bright green musk-scented foliage; numerous yellow flowers. Pkt., 5c.

MIMULUS TIGRINUS (Monkey Flower). Dwarf bushy plants, Gloxina like flowers, various colors. Pkt., 5c.

Poppies.

PAEONY FLOWERED. Large, showy double globular flowers, almost equal to Paeonies. Our mixture contains the finest colors. Pkt., 5c.

SHIRLEY. Single; most beautiful type of poppies. Hairy foliage. Immense variety of single blossoms, ranging through many colors. Pkt., 5c.

SHIRLEY. Double flowered, or Ranunculus mixed. An exquisite strain of very rich double and semi-double flowers. Pkt., 10c.

ORIENTAL. A brightly colored, large flowered, hardy sort. Excellent. Pkt., 10c.

TULIP. Large and splendid single flowers of the most dazzling scarlet. The two outer petals resemble a saucer, in which are set two erect petals of the same color. Pkt., 5c.

Perennial Garden Flowers.

A mixture of free-blooming, hardy flowers. Those who cannot give the constant care necessary for finely arranged flower beds, will find this a substitute, and will be a continual surprise and pleasure, as new varieties, and the old garden favorites, flower successively throughout the season.

Hardy Tall Sorts, per Pkt., 10c.

Hardy Dwarf Sorts, per Pkt., 10c.

Zinnia Dwarf.

LILLIPUT. Pretty, small, branching plants about 1 foot high—for borders, edgings and small beds. Pkt., 10c.

Ornamental Climbers.

Moon Flower.

EVENING GLORY. A beautiful, rapid climber, having large white flowers from four to six inches in diameter, which open in the evening. Plant seeds in pots, and start in the house and transplant when the weather is warm.

201. **MOON FLOWER.** Large white. Pkt., 5c.

Thunbergia.

A rapid-growing climber, growing 4 to 6 feet high. Half-hardy annuals.

235. Fine mixed. Pkt., 5c.

NASTURTIUM TALL. See page 30.

Balloon Vine.

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white; half-hardy annual; 5 feet.

170. **BALLOON VINE (Cardiospermum).** Pkt., 5c.

Balsam Apple.

BALSAM APPLE. Ornamental climber, affording an excellent shade; grows quickly. Fruit changes from yellow to bright red. Plant end of April. Height 15 feet. Pkt., 5c; oz., 20c.

BALSAM PEAR. Climber; the large prickly pear-shaped fruit, when kept in whisky or alcohol, makes an effective painkiller and healer of cuts, bruises, etc. Height 15 feet. Pkt., 5c; oz., 20c.

Canary Bird Flower.

A popular climber; so called from its resemblance to a canary bird with its wings expanded; admirable for baskets, vases, etc. Blooms all summer.

175. **TROPAEOLUM PERIGRINUM.** 15 feet. Pkt., 5c.

Cobaea.

A climber of rapid growth, flowering the first season, if sown early in the house or hot-bed.

176. **COBAEA SCANDENS.** Large, bell-shaped, purple flowers. Pkt., 5c.

Cypress Vine.

One of our most popular climbing vines, with delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in April and May. Tender annuals; 12 feet.

178. **CYPRESS VINE.** Red or Crimson. Pkt., 5c.

179. **CYPRESS VINE.** White. Pkt., 5c.

180. **CYPRESS VINE.** Red and white, mixed. Pkt., 5c.

MIXED CLIMBERS. A mixture of many varieties of climbing plants which will produce the most gorgeous effect. When the space to be planted is limited this will save expense in purchasing so many varieties. Pkt., 5c; oz., 15c.

Gourds, Ornamental.

A class of plants of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied and fantastic forms; very desirable for covering old trees, walls, fences, arbors, etc.; or they may be treated the same as squashes. Tender annuals.

182. **NEST EGG.** Pkt., 5c.

184. **GOURD, BOTTLE-SHAPED.** Pkt. 5c.

185. **DIPPER.** Pkt., 5c.

186. **HERCULES' CLUB.** A curious sort. Pkt., 5c.

187. **ORANGE.** Fruit resembles an orange. Pkt., 5c.

188 **POWDERHORN.** Pkt., 5c.

190. **DISH RAG, or DISH CLOTH.** Pkt., 5c.

19[illegible]. **SUGARTHROUGH.** Pkt., 5c.

196. **MIXTURE OF SMALL FRUITED SORTS.** Pkt., 5c.

Wild Cucumber.

183. A very rapid growing climber which reaches a height of 30 feet in one season. It is covered with beautiful clusters of white scented flowers. Pkt., 5c.

Hop-Variegated Japanese.

197. The leaves are beautifully and distinctly marked with silver-white, yellowish white, and light and dark green. It retains its fresh and bright variegated foliage until late in the autumn; 20 feet. Pkt., 5c.

Hyacinth Bean.

198 A rapid-growing plant, flowering freely in clusters; for covering arbors, trellises, etc. Tender annuals. Pkt., 5c.

Morning Glory.

An old favorite; brilliant and various colored flowers, growing freely in almost any situation. Hardy annuals; 15 feet.

200. **FINE MIXED.** All colors. Pkt., 5c.

202. **JAPANESE GIANT.** Making a growth of 20 to 30 feet, with large flowers, in all shades from white to deepest red, blue and purple. The foliage is nearly as striking as the flowers. Pkt., 5c.

SWEET PEAS

Lathyrus odoratus

SWEET PEAS are a close rival in popular estimation to the Nasturtium; they succeed well, with a reasonable amount of care, in almost any garden. make first sowing in February or March in trench 4 to 6 inches deep, at the rate of **1 ounce to 25 feet of trench,** filling up with earth as the plants grow. Sweet peas are generally grown in double rows with a wire trellis or brush between. Care must be taken not to smother the leaves when earthing up.

ECKFORD'S LARGE FLOWERING. A mixture of this well-known strain. Colors are well proportioned and it is the best possible mixture. Pkt., 5c; oz., 10c; ¼ lb., 35c.

CORNELI'S SUPERB MIXTURE. Contains all the better Spencer and Unwin varieties and many of the latest novelties. Can recommend this mixture to all lovers of Sweet Peas. Pkt., 10c; oz., 15c; ¼ lb., 40c.

OUR COLLECTION of 10 varieties of Sweet Peas, 1 package of each, 25c.

Newer Spencer Varieties.

ASTA OHN. Immense blossoms of mauve and lavender; wings large, but fluffy. Pkt., 10c; oz., 20c.

COUNTESS SPENCER. Giant clear pink, wavy petals; 3 to 4 large flowers on each stem. Pkt., 5c; oz., 15c.

WHITE SPENCER. Crinkled, fluted and wavy flowers; large, 3 or 4 on each stem. Pkt., 5c; oz., 15c; ¼ lb., 60c.

FLORENCE NIGHTINGALE (Spencer). Soft shade of lavender. Pkt., 10c; oz., 20c.

QUEEN ALEXANDER (Spencer). Giant scarlet, wavy flower. Pkt., 5c; oz., 20c.

GLADYS UNWIN. A large, pale rose-pink flower; very striking. Crinkled standard. Pkt., 5c; oz., 10c.

DWARF SWEET PEAS (Cupid). About one foot high and spreading to about two feet in diameter. Dark green foliage; short stems; large flowers. Mixed colors. Pkt., 5c; oz., 15c; ¼ lb., 35c.

Extra Early or Forcing Varieties

Best Adapted for Greenhouse Culture.

EARLIEST OF ALL. White; black seed; Per oz., 10c; ¼ lb., 15c.

CHRISTMAS PINK. Medium size and open form. Per oz., 10c; ¼ lb., 15c.

FLORENCE DENZER. Extra early, with pure white flowers. Per oz., 15c; ¼ lb., 40c.

MONT BLANC. White. Per oz., 10c; ¼ lb., 15c.

MRS. ALEX. WALLACE. Pinkish-lavender, hooded flowers. Per oz., 15c; ¼ lb., 40c.

MRS. WM. SIM. Pink, hooded. Per oz., 15c; ¼ lb., 40c.

MRS. W. W. SMALLEY. Open form, buff-pink. Per oz., 15c.

Grandiflora Varieties.

AURORA. Orange, rose striped, white.

APPLE BLOSSOM. Bright red, white striped.

BLANCHE FERRY. Pink and white.

COUNTESS OF RADNOR. Light lavender.

DOROTHY ECKFORD. Pure white.

EARLIEST OF ALL. Rose, white wings.

FLORA NORTON. Sky blue.

HON. MRS. E. KENYON. Primrose.

KATHERINE TRACY. Soft pink.

KING EDWARD VII. Bright red.

LADY GRISEL HAMILTON. Lavender.

LOTTIE ECKFORD. Lavender and mauve.

NAVY BLUE. Indigo and violet.

NEW COUNTESS. Lavender.

OTHELLO. Dark maroon.

All the above, packets, 5c each; oz., 10c; ¼ lb. 40c.

LATHRYUS ODORATO. Perennial, Pkt., 10c. Hardy, everlasting Pea, grows 6 to 8 feet high, when trained on trellis, flowers are borne in clusters, profuse bloomers.

Gladiolus.

The most attractive of all summer-flowering bulbs are the Gladioli. Their cultivation is very simple, as they will thrive in any ordinary garden soil. A sucession of bloom may be had from July to September by planting at intervals from April to June. Plant six inches apart in beds of double rows and three inches deep.

CHOICEST VARIETIES AND COLORS MIXED. Doz., 25c; 100, $1.50.

Holland, or Dutch Bulbs.

Send for list in Fall.

Elephant Ear.

Caladium Esculentum.

The Caladium Esculentum is one of the handsomest of the ornamental-leaved plants. Roots planted in the spring will make a grand showing all summer. Leaves three feet or more in length, nearly as broad. There is nothing as good as the Caladium for grand bed foliage in the garden.

Extra large roots. Each, 35c; per doz., $3.50.

Large Roots. Each, 25c; dozen, $2.50.

Tuberoses.

The Tuberose is a beautiful, pure white, wax-like, very sweet scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. To have flowers early, plant them in boxes of earth and keep in a warm place in the house; when weather is warm, transplant in the garden. Those who want this beautiful flower in early winter can plant a few bulbs in pots in July or August, sink them to the rim in earth in the garden, where they can remain until the cool nights set in in autumn, then remove to the house.

TALL DOUBLE TUBEROSES. Dozen tubers, 30c; 100, $2.00.

TUBEROSES, DWARF PEARL. Dozen tubers, 30c; 100, $2.00.

Madeira Vine Roots.

The Madeira Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing twenty feet or more and twining any desired form. Plant the tuber out of doors in the spring, and it will commence to grow at once. The flowers are white, small, in long racemes. Put in a sunny situation. Lb., 25c.

Moonflower.

A plant that grows and blooms well with every-one. If planted out in rich ground, where it has full exposure to the sun, it will attain a height of 25 feet by the middle of October, blooming abundantly the entire season. The flowers are pure white, from five to six inches in diameter, emitting a rich Jassamine odor at night. They begin to open about sundown, and close before noon the following day. 15c each. If by mail, 15c extra.

Vegetable Plants

In Season we can supply the leading kinds.

Hardy Garden Lilies

These may be planted in Spring or Fall, about 6 to 8 inches deep. Lilies by mail cost 5c extra.

LILIUM AURATUM (Gold Banded Lily of Japan). Has immense ivory white flowers, thickly studded with crimson and yellow spots, while in the center of each petal is a golden band, fading at its edges into the white. Price, each, 15c; per dozen, $1.50.

SPECIOSUM ALBUM. Pure white flowers with greenish band through the center of each petal. They are of great substance and very fragrant. Price, each, 15c; per dozen, $1.50.

SPECIOSUM RUBRUM. White, shaded and spotted with rose or crimson. Price, each, 15c; per dozen, $1.50.

TIGRINIUM (Single Tiger Lily). Hardy native Lily; orange-red, spotted with purple-black. Each, 10c; per dozen, $1.00.

TIGRINIUM SPLENDENS (Improved Single Tiger Lily). Very hardy, orange-red, spotted purple-black; bears 8 to 20 flowers when fully matured. Each, 10c; per dozen, $1.00.

TIGRINIUM FLORAL PLENA (Double Tiger Lily). Grows from 3 to 5 feet high and bears immense number of bright orange flowers. Each, 15c; 2 for 25c; per dozen, $1.25.

CANNA ROOTS.

We offer the excellent varieties described below of dormant roots. Price 15c each, $1.50 per dozen.

ALSACE. 4½ feet. Dainty medium size flowers of sulphur white.

ALLEMANIA. 4 to 5 feet. Orange red, bordered with yellow.

BUTTERCUP. 3 feet. Deep buttercup, yellow, almost pure. Very effective.

CHAS. HENDERSON. 3 to 3½ feet. Flowers brilliant crimson scarlet. A profuse bloomer. Good for bedding.

MAD. CROSY. 2½ feet. Vermilion scarlet with narrow gilt edge.

DUKE OF MARLBOROUGH. 4½ feet. Deep crimson.

FLORENCE VAUGHAN. 3 to 3½ feet. Yellow, spotted red.

KING HUMBERT. 4 to 4½ feet. A combination of the highest type of brilliant orange scarlet flowers, with finest bronze foliage.

LOUISIANA. 5 to 6 feet. Orchid flowering type. Soft glowing scarlet, with orange throat markings.

MILLE BERAT. 4 feet. The nearest approach to a pink in a first-class bedder.

PENNSYLVANIA. 5 feet. Flowers extra large, deep red of solid color.

SOUVENIR D'ANTOINE CROZY. 3½ feet. Intense crimson scarlet, with broad golden yellow border.

WYOMING. 6 feet. Massive orange flowers. Bronze purple foliage.
Our selection 10c each, $1.00 per dozen.

Double Dahlia Roots

ARRABELLA. Pale primrose, shaded old rose.

BYNDHURST. The best scarlet.

JACK ROSE. Rich crimson.

A. D. LIVONIA. The best pink.

MRS. H. J. JONES. The best variegated.

MRS. WINTERS. Ivory white.

PERLE D'OR. White.

RED HUSSAR. The best red.

YELLOW DUKE. The largest yellow.

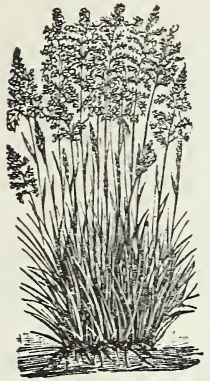
TWENTIETH CENTURY. Crimson and white.
The above splendid assortment 15c each, $1.50 per dozen.

Our selection 10c each, $1.00 per dozen.

Grass and Clover Seed.

We are making Grass and Clover Seed a specialty, and the following is a list of the leading and most valuable grasses and clovers in this latitude. Grass and Clover Seeds are market articles; prices change according to supply and demand, and prices given below are subject to market fluctuation. Will sell 25 pounds at 100 pound rate. Quotations for quantities will be given any time when desired; write for them. Two-bushel bags, 25 cents. **If by mail, add 10 cents per pound.**

Terms: Cash with order. Freight charges to be paid by the purchaser.



Kentucky Blue.

Orchard.

Red Top.

Timothy.

CANADIAN BLUE GRASS. (Poa Compressa), which should be in all mixtures; will do well on dry soils, or even on clay, hard trodden or poor soils, On account of creeping root stalk it forms a splendid turf. For pastures and lawns it has no superior, giving that peculiar, rich shade of bluish-green so much admired in the best lawns; also making a very close velvety turf; 40 pounds of seed are required per acre. Fancy clean. Lb., 20c; 100 lbs., $10.00.

KENTUCKY BLUE GRASS. (Poa Pratensis.) Valuable for lawns when mixed with other varieties, retaining its verdure in the hottest weather. Extra heavy cleaned seed. Lb., 25c; 100 lbs., $12.00.

MEADOW FESCUE, OR ENGLISH BLUE GRASS. (Festuca Pratensis.) This is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture. Sow 30 to 40 lbs. to the acre. Lb., 25c; 100 lbs., $15.

ORCHARD GRASS. (Dactylis Glomerata.) One of the very best in cultivation. If cut just as it is coming into bloom (as it always should be), a good second crop will follow, and sometimes even a third. Orchard is one of the earliest grasses, yields immense crops, and makes the best of hay; it endures considerable shade, and is much used for sowing in orchards. Lb., 25c; 100 lbs., $18.00

ENGLISH PERENNIAL RYE GRASS. (Lolium Perenne.) A rapid-growing early grass; much used for sowing with other grasses in meadows, pastures and mowing lands. Valuable for lawns. Sow 40 to 50 pounds to the acre. Lb., 15c; 100 lbs., $8.00.

ITALIAN RYE GRASS. (Lolium Italicum). Esteemed in England. It is valuable for mixing in with other grasses for permanent pastures. It takes 40 to 50 pounds to sow one acre. Lb., 15c; 100 lbs., $8.00.

RED TOP. (Agrotis Vulgaris.) A very valuable permanent grass; grows well upon almost any soil; especially valuable for meadows, pastures and lawns, where permanent grasses are desired. If used alone, sow 30 to 40 pounds per acre. If mixed with timothy for mowing lands, 20 lbs. per acre. First grade fancy clean seed (solid), lb., 40c; 100 lbs., $32.00.

BERMUDA GRASS (CYNODOM DACTYLON;) Particularly adapted to the Southern States, as it stands the hottest and dryest season, and is very valuable for stock, being exceedingly nutritious, and for summer pasture is very valuable. Sow three to five pounds per acre on well-prepared land; rolling in is all that is necessary to make a sufficient covering. It is slow to germinate requiring at least thirty days under favorable circumstances. Price per lb., $1.50; ten pounds, $12.50.

MIXTURE OF GRASS SEED FOR PERMANENT PASTURE.

Most of our western farmers have not yet learned that a pasture or meadow of mixed grasses is far superior to Clover and Timothy alone, but such is the case. Our mixture for permanent pasture consists of Orchard Grass, Red Top, Blue Grass, and a number of the very best imported perennial grasses. This we can recommend to all. It must, however, be borne in mind that a pasture sod cannot be obtained in one year. Sow about 50 pounds to an acre. Ten lbs., $2.00; 100 lbs., $12.00.

We also prepare cheaper mixtures if wanted.

Clover Seed.

Special price on larger quantities.

RED CLOVER. (Trifolium Pratense.) This is by far the most important of all varieties for practical purposes. Sow in the spring or fall, and if no other grasses are used, at the rate of 8 to 10 pounds to the acre; more is required on old, stiff soils than on new and lighter ones. Lb., 25c.

WHITE CLOVER. (Trifolium Repens), A small creeping, perennial variety, valuable for pasturage and lawns. It accommodates itself to a variety of soils, but prefers moist ground. Sow in spring, at the rate of 6 pounds per acre; or when used with other grasses, half that amount. Lb., 60c.

ALSIKE, OR SWEDISH CLOVER. (Trifolium Hybridum). The most hardy of all perennial clovers. On rich, moist soil it yields an enormous quantity of hay or pasturage, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay; cattle prefer it to any other forage. The heads are globular, fragrant, and much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall, at the rate of 8 pounds per acre. Lb., 30c.

CRIMSON TREFOIL, OR SCARLET ITALIAN CLOVER (Trifolium Incarnatum) An annual variety in common use in the South for feeding green and for hay. The yield in fodder is immense, and after cutting it at once commences to grow again, continuing until cold, freezing weather. It grows about one foot high; the roots are nearly black; leaves long, blossoms long, pointed and of a very deep red, or carmine color. Makes good hay. It is sown in August or September in the South, but should not be planted in the North until spring. Sow 12 to 15 pounds to the acre. Lb., 20c; 100 lbs., $15.00.

ALFALFA, OR LUCERNE CLOVER (Medicago Sativa). Do not sow this clover on land having a stiff clay or hard-pan subsoil, as the roots naturally penetrate to a great depth, and must do so if the plants live any time. Sow in rich, moist loam or sandy soil, having a deep sub-soil. Prepare the land thoroughly and sow the seed at the rate of 20 to 25 pounds per acre, with a broadcaster or grass seeder. Cover with a brush or light harrow. The young plants are quite tender, and the land must be free from weeds until they become established. Lb., 25c; 100 lbs., $18.00.

TIMOTHY. (Phleum Pratense.) This is the most valuable of all grasses for hay. Thrives best on moist, loamy soil of medium tenacity. It should be cut just when the blossom falls. Sow early in the spring or fall, at the rate of 15 pounds per acre, if alone, but less if mixed with other grasses. Market price.

GERMAN OR GOLDEN MILLET. Superior to all others. Medium, early, three to five feet high. Sow same as Common Millet. Market price

COMMON MILLET. (Panicum Milliaceum.) Sow in drills or broadcast, from May to last of July, 25 to 30 pounds to the acre. Market price.

HUNGARIAN GRASS. (Panicum Germanicum.) A valuable forage plant. Sow broadcast at the rate of 20 to 30 pounds to the acre, and cultivate the same as Millet. Market price.

BUCKWHEAT. Should be sown about the middle of June, broadcast, at the rate of from two to three pecks per acre. It should be threshed as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture.

SILVER HULL. This variety continues in bloom longer is, therefore, better for bees. The flower is whiter and husks thinner. Peck, 50c; bu., $1.50.

JAPANESE. The straw is heavier and more branching; kernels twice the size of the old kinds, ripening a week earlier, while the flour made from it is fully equal to that of any other variety. Peck, 50c; bu. $1.50.

Add 10 cents per pound for postage.

JAPAN CLOVER—Lespedeza Striata. Low perennial, spreading habit; stands excessive drouth well, flourishes on poorest soil in Southern States; it makes a fair hay and stock eat it readily when green. Is also valuable for turning under as green manure. Sow at the rate of 20 to 30 lbs. per acre. Per lb., 30c; 10 lbs., $2.00.

SWEET CLOVER. We have the **White Blooming,** which is preferred. It is sown along the roadsides for beekeepers; has a white flower and both leaves and flowers are fragrant. It is used in some sections for hay; it grows on any soil, seeding itself as the tops die down. Sow 15 to 25 lbs. per acre. Hulled seed, per lb., 35c; 10 lbs., $3.00. Unhulled seed, per lb., 30c; 10 lbs., $2.00.

Broom Corn.

Add 10 cents per pound for postage.

CULTURE. It requires similar soil and culture as corn, but should be planted later; have the ground in prime condition. It is frequently planted in drills three and a half feet apart, leaving the plants six inches apart.

EVERGREEN. Peck, 75c; bu., (48 lbs. $2.50.

Cane or Sorghum.

Special price on large quantities.

To plant cane seed for sugar, sow four or five pounds of seed to the acre; if for fodder thirty pounds to the acre.

EARLY AMBER CANE. This well-known variety is the earliest, and makes the finest quality of amber syrup and good sugar. Lb., 10c; peck, 50c; bu. (50 lbs.), $1.50.

EARLY ORANGE CANE. A well-known variety, well adapted for the South; it is from 8 to 10 days later than the Early Amber. Peck, 50c; bu., $1.50.

WHITE KAFFIR CORN. A variety of sorghum, cultivated for both forage and grain, growing from 4½ to 6 feet high; is stocky and erect, and has wide foliage. Kaffir Corn has the quality of resisting drought, and in this fact is to be found its peculiar value. Sow in rows three feet apart, 5 to 6 pounds to the acre. Lb., 10c.

NAVY FIELD BEANS. Best crops are grown in rich soil, but beans do well in ordinary soil, hoe frequently when plants are dry, but never when wet. Plant one and one-half bushels to the acre in hills, same as corn, or in drills. Peck, $1.00.

SOY BEAN. The Soy Bean has been extensively grown as a fodder plant. It is a valuable crop for feeding stock, yielding a large amount of fodder, rich in protein, Fed green it is a splendid forage for milch cows, only have the yellow variety. Peck, 75c; bu., $2.50.

Cow, or Southern Peas.

Plant in thoroughly pulverized soil. If wanted to plow under for manure, sow with a grain drill, in drills a foot apart. Is grown for fodder or for seed; plant 3½ feet apart and cultivate thoroughly. The seed must not be sown until the soil has become thoroughly warm. Weight per bu., 60 lbs.

NEW ERA. Two weeks earlier and in size it is one-third smaller than the Whippoorwill, and matures early enough in the fall to harvest in time to sow winter wheat on the same field. They produce more seed than Whippoorwills, and where known are used almost exclusively.

CLAY COLORED. Large seed of a blue clay color.

WHIP-POOR-WILL. The seeds are large, speckled, brown in color.

BLACK. Seed all black; called also "The Poor Man's Pea," on account of its wonderful prolificacy.

BLACKEYE. Seed large, round oblong; creamy white, with large black eye.

Above items, market price.

Field Peas.

These are sown for marketing dry, for split peas or for fodder for stock, at the rate of 2½ bushels to the acre, either broadcast or drills.

WHITE CANADA FIELD. Peck, 75c; bu., $2.50.

SAND, WINTER OR HAIRY VETCHES. (Vicia villosa.) A very hardy forage plant, growing well on soils so poor and sandy that they will produce but little clover. The plants, when mature, are about forty inches high, and if cut for forage as soon as full grown and before setting seed, they will start up again and furnish even a larger crop than the first. Should be sown at the rate of 30 to 40 lbs. to the acre. Lb., 15c; per 100 lbs.

Dwarf Essex Rape.

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep. It is particularly adapted as a "catch crop" for it grows best late in the season. In the Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten to twelve pounds per acre broadcast, or four to five pounds per acre in drills fifteen inches apart. Lb., 15c; 10 lbs., $1.00; 100 lbs.

MAMMOTH RUSSIAN SUNFLOWER. The best egg-producing food known for poultry. Can be raised cheaper than corn. Four quarts will plant an acre, and the average yield is 100 bu. to the acre. Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders, who have tried it, as an excellent and cheap food for fowls. lb., 20c., post-paid; by express or freight 10 lbs., 70c; 100 lbs.,

Seed Potatoes—Prices on Application.

The Seed Potatoes we have for sale are all Northern grown—they are well selected, sound stock, and, we are sure, will give satisfaction.

EARLY OHIO. It is two weeks ahead of the Early Rose, and is a special favorite with marketmen, and the most profitable potato that can possibly grow. And on account of its early maturity you can get the high prices and have the land for other crops. It does well on any soil suitable for potatoes.

NEW YORK EARLY ROSE. The Early Rose is the standard early potato, and is too well-known to need any description.

RURAL NEW YORKER. Is of very distinct and handsome appearance; the tubers are of large size with remarkable smoothness of skin; the eyes are few, distinct and shallow. It is of extreme whiteness, both of skin and flesh, and excellent table qualities.

IRISH COBBLER. One of the most reliable first early potatoes. It ripens almost with the Early Ohio, uniform in size, oval form and round, skin lightly netted, creamy white, having few eyes. Flesh pure white of finest quality. Keeps perfect until spring. Has a strong growth, large yield, fine quality, and handsome appearance.

SNOWFLAKE. The tubers are of good, medium and uniform size, In quality we do not hesitate to say that nothing can surpass this variety; its mealiness, its pure, delicate flavor, and the evenness with which it cooks through, have never been eclipsed by any potato.

BURBANK'S SEEDLING. This old standard is quoted high in the market. Well known.

TRIUMPH. This variety quite popular in the South. Tubers are of medium size; color beautiful red: one of the best for early market.

PEERLESS. A well-known productive variety.

Carman.

The Best Main Crop Potato.

Without any exception whatever it is the greatest yielding potato ever introduced. It is of large size and of the shapliest form Eyes are few and shallow. It is a perfect keeper and is not surpassed as a table variety. Skin and flesh are of extreme whiteness. It has no hollow hearts or any dark parts.

Seed Sweet Potatoes.

We will have a full supply of the following varieties in planting season.

EARLY RED BERMUDA.
YELLOW NANSEMOND.
RED NANSEMOND.
Southern Queen White.

Sweet Potatoes and Sweet Potato Plants

On account of the early publication of our Catalogue we cannot make prices. Prices of Seed Sweet Potatoes will be given on application about first week in March, and of Sweet Potato Plants about middle of April.

Selected Seed Field Corn.

The Seed Corn we have for sale was grown for this purpose, the ears selected and examined.

Express or freight charges always to be paid by the purchaser.

Terms: Cash with order. Special price on large lots; write for it.

Pride of the North—Yellow.

A very early Dent variety ripening with the Flint sort, and can be successfully grown farther north than any other variety of Dent corn. Stalks small with broad leaves. Ears short, twelve to sixteen-rowed, well filled. Grain long, yellow, making an extra quality of meal. Peck, 50c; bu., $1.50.

IOWA GOLD MINE. This corn has attained wide popularity. It is early, ripening only a few days later than Pride of the North. The ears are of good size and shape and of a bright golden yellow color. The grain is very deep, the cob small. Peck, 50c; bu., $1.50.

LEGAL TENDER. A large yellow corn, with handsome, heavy ears, deep grains and small cob. It matures in about 110 days and is a sure and heavy yielder. A yield of 75 to 100 bushels per acre is not unusual. Peck, 50c; bu., $1.50.

The Leaming—Yellow.

A yellow Dent variety; very small red cob, with a deep, long grain, of a rich golden color; matures a crop in ninety days, and will, if planted by the 1st of June, under ordinary culture, grow, ripen and be fit to husk and crib by September 1st. Peck, 50c; bu., $1.50.

REID'S YELLOW DENT. More largely grown throughout the corn belt than all other varieties of yellow corn. The ears are 10 to 12 inches long, and the grains are quite thick, very compact in the row, making it a solid corn, color deep golden yellow. Matures in about 100 to 110 days. Peck, 50c; bu., $1.50.

Champion Early White Pearl.

An extra early, pure white variety of the Dent family; very productive and exceedingly heavy, maturing in 85 to 90 days from the time of planting. The grain is extra deep and wide, two of which will more than span the cob, which is very small. Peck, 50c; bu., $1.50.

Iowa Silver Mine—White.

The stalks grow to a height of 7 to 8 feet, and set the ears about 3½ to 4 feet from the ground. Ears measure from 10 to 12 inches in length, and often weigh 1½ pounds. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. It is the heaviest yielder we know. Peck., 50c; bu., $1.50.

BOONE COUNTY WHITE. A pure bred white corn of large size and high fattening and milling qualities. It is rather a late variety, maturing in from 110 to 120 days. Large, heavy ear, tapering only slightly from butt to tip, rounding off nicely within an inch of the top; eighteen to twenty-four rows of about fifty kernels each, carried out to the full length of the ear. Peck, 50c; bu., $1.50.

HICKORY KING. A mammoth white Dent that is wonderfully productive; one of the best sorts. Will mature in about 110 days from time of planting. Peck, 50c.

St. Charles—White.

An old well-known red cob variety Peck, 35c; bu., $1.25.

Sweet Corn for Fodder.

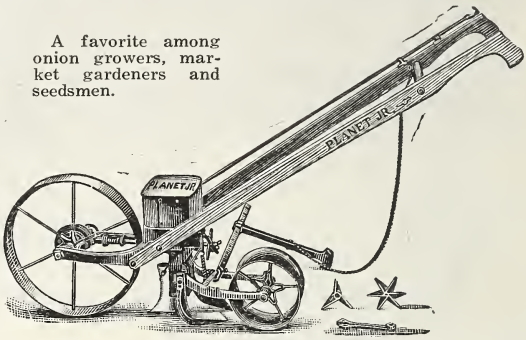
Peck, 75c; bu., $2.50.

Planet Jr. Garden Tools

The New "Planet Jr." catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

No. 3 PLANET JR. HILL AND DRILL SEEDER.

A favorite among onion growers, market gardeners and seedsmen.



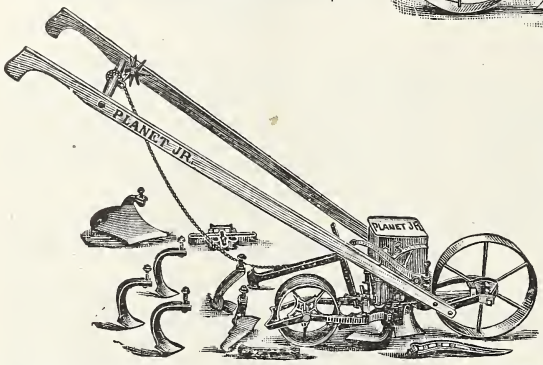
The hill dropping is simple and reliable, making hills either 4, 6, 8, 12 or 24 inches apart.

Changes of distance between hills may be made in less than a minute by substituting one gauge wheel for another.

The Index.—The thickness of seed is regulated by an accurate index with **brass** screw indicator; it contains the names of the important seeds, and is carefully graduated **both for hills and drills.** In plain view **at the top of handle.**

Has 15-inch steel driving wheel. Holds 3 quarts of seed. Weight, packed, 44 lbs.

Price $10.00



No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.

This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty. It is a practical, every-day, time, labor and money saver. Holds 2½ quarts of seed. Weight, 49 lbs.

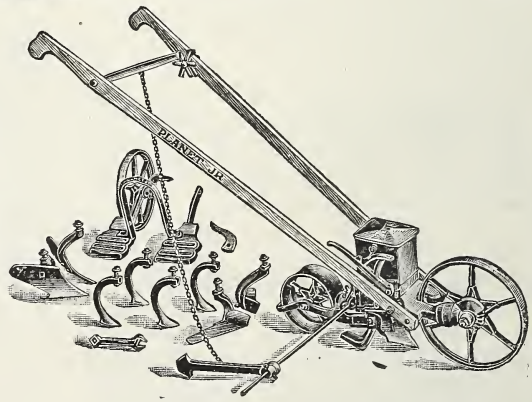
Price, complete $10.50
As a seeder only..... 8.50

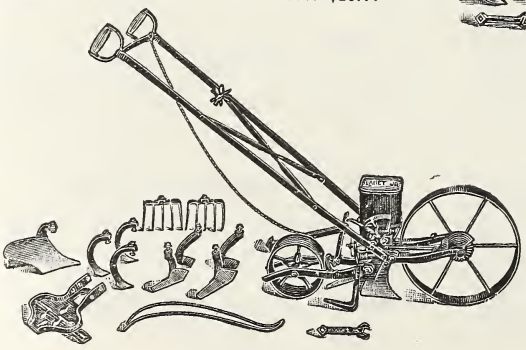
No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

This new combined machine is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to advantage, and yet prefer not to buy seeders and wheel hoes separately.

As a seeder it is practically the same as the **Planet Jr. No. 4**; will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart, and has the same feed, hill dropping mechanism, and **automatic device** for stopping the feed, and has also the new seed index. Steel frame. Holds 2½ quarts of seed. Weight, crated, 59 lbs.

Price $13.00





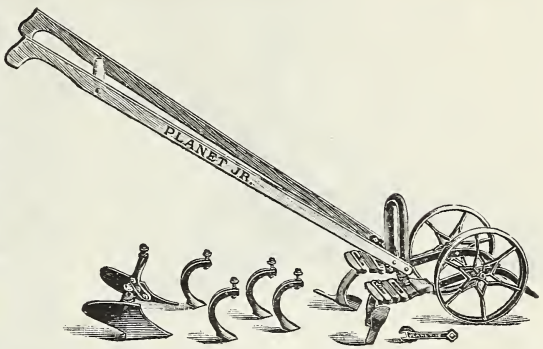
No. 28 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

No. 28 is both a hill dropper and drill seeder, and is combined with a steel-frame single-wheel hoe, with the most complete equipment of garden tools ever offered with a seeder. Weight, 71 lbs.

Price $14.50

Planet Jr. Garden Tools

No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.



The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for the onion and small sugar beet grower, and also for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel.

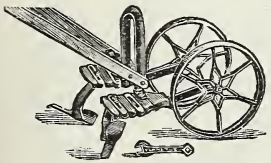
The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering. Use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

Leaf lifters save time and enable fine work to be done close to the rows without additional labor, when plants are large or leaves are flat on the ground.

Price $6.50

Weight, 33 lbs.



No. 13 DOUBLE WHEEL HOE.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time.

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished.

Price $4.25

Weight, 27 lbs.

		Weight.	Price.
No. 11	Double Wheel Hoe (7 attachments)	37 lbs.	$8.50
No. 12	Double Wheel Hoe (4 attachments)	33 lbs.	6.50
No. 13	Double Wheel Hoe (1 attachment)	27 lbs.	4.25
No. 14	Double Wheel Disc Hoe, complete (4 attachments)	38 lbs.	7.50
No. 13½	Double Wheel Disc Hoe, plain (2 attachments)	32 lbs.	5.50

No. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

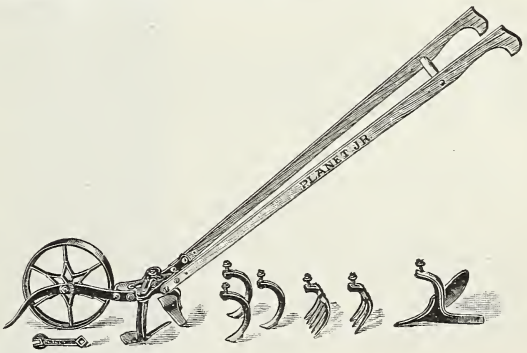
We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16, 17, 17½ and 18 wheels, frames and handles are alike, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong, with quick change device by which to exchange the tools without removing the nuts.

Price $5.35

Weight, 25 lbs.



No. 17 PLANET JR. SINGLE WHEEL HOE.

You can do more and better work with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

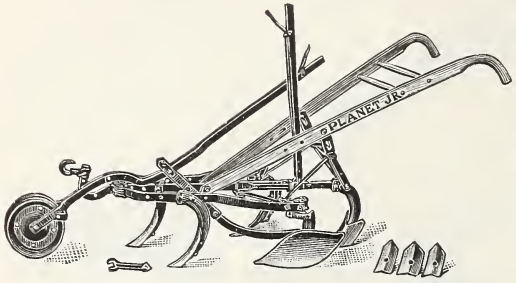
Price $4.50

Weight, 23 lbs.

		Weight.	Price.
No. 16	Single Wheel Hoe (5 attachments)	25 lbs.	$5.35
No. 17	Single Wheel Hoe (4 attachments)	23 lbs.	4.50
No. 17½	Single Wheel Hoe (3 attachments)	20 lbs.	4.25
No. 18	Single Wheel Hoe (1 attachment)	19 lbs.	3.25
No. 38	Single Wheel Disc Hoe, complete (4 attachments)	29 lbs.	6.50
No. 18½	Single Wheel Disc Hoe, plain (2 attachments)	25 lbs.	4.25

Planet Jr. Garden Tools

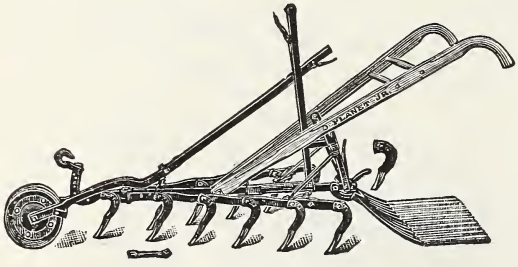
No. 8 PLANET JR. HORSE HOE AND CULTIVATOR.



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from center again. You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

Price, with steel wheel.....$8.75
(With cast wheel, deduct 25 cents.)
Weight, packed, 83 lbs.

PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER.



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

Complete, with steel wheel.....$8.75
Weight, packed, 73 lbs.

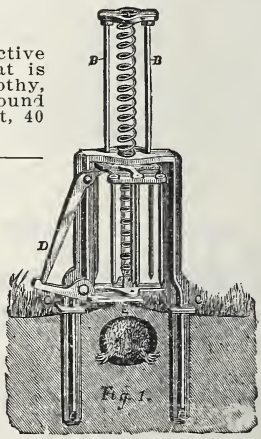
Without pulverizer.....$7.15
Without pulverizer or wheel..... 5.70
(With cast wheel, deduct 25 cents.)

	Weight, Packed.	Price.
No. 8 Horse Hoe and Cultivator, complete (with steel wheel)	83 lbs.	$ 8.75
No. 7 Horse Hoe and Cultivator, complete (with steel wheel)	77 lbs.	8.25
Nine-Tooth Horse Hoe, complete (with steel wheel)	129 lbs.	15.00
No. 9 Horse Hoe and Cultivator (with steel wheel)	70 lbs.	7.50
No. 9 Horse Hoe and Cultivator (without wheel)	64 lbs.	6.50

(Horse Hoes with **cast** wheels, 25 cents less.)

Premier Broadcast Seed Sower

Is claimed to be the strongest, neatest and most effective hand seed sower made. The Premier will sow any seed that is sown broadcast, such as oats, wheat, rye, millet, clover, timothy, grass seed, etc. Under ordinary conditions it will sow at a round about as follows: Wheat or rye, 50 feet; clover, flax or millet, 40 feet; grass seed, 24 to 36 feet. Price, **$1.25.**



One-sixth of full size.

Hazeltine's Hand Weeder and Scraper

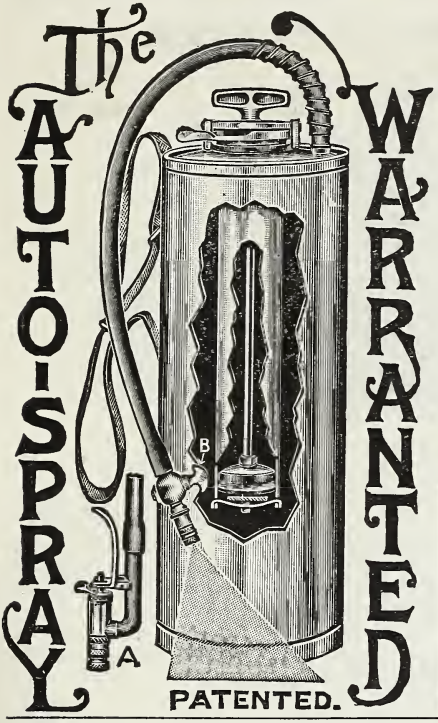
A practical weeder for all purposes. Price, **20c;** by mail, **25c.**

Olmstead's Reliable Mole Trap

It is simple in construction and safe to handle. It combines all the good points of traps of similar make, and on account of low price has become very popular.

Price, **$1.25**

Express to be paid by purchaser.



Auto Spray.

Positively and Absolutely Guaranteed Against all Defects.

Eight to ten strokes of the air plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Has been improved by the addition of the "Auto Pop" shown in illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing the instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. Price, galvanized reservoir, with Stop Cock, $5.00; with Auto Pop, $5.50; Brass Tank with Stop Cock, $7.50; Brass Tank with Auto Pop, $8.00.

The "BRANDT EASY" SPRAYER

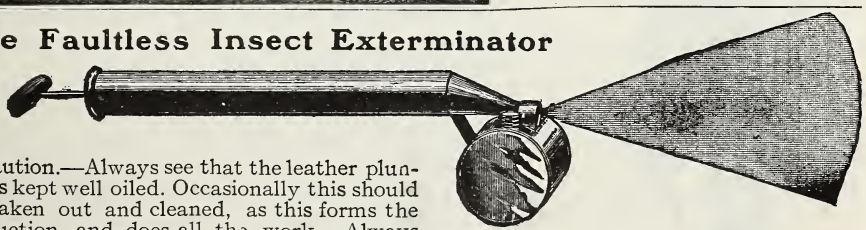
Is made of **galvanized steel** and holds about 1 gallon. It is equipped with a **shut-off** nozzle and is very durable. "Brandt Easy" Sprayer (Galvanized Tank and Shut-off Nozzle). Price, $2.25; Brass Reservoir, $3.00.

The Standard Spray Pump.

Showing the Standard Pump attached to barrel with 30 feet o hose, enabling the operator to walk around without moving the barrel, covering the entire tree FROM THE GROUND without the use of elevated platforms, etc. An ideal orchard sprayer at small cost.

Standard Pump, complete with two nozzles and three feet of hose, $4.00.

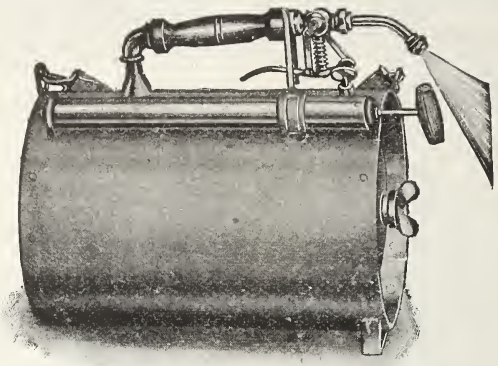
The Faultless Insect Exterminator



Caution.—Always see that the leather plunger is kept well oiled. Occasionally this should be taken out and cleaned, as this forms the air suction, and does all the work. Always clean and dry the reservoir before putting away.

The Galvanized Sprayer, 50c. each. The Brass Sprayer, 75c. each.

LOWELL FOUNTAIN SPRAYER



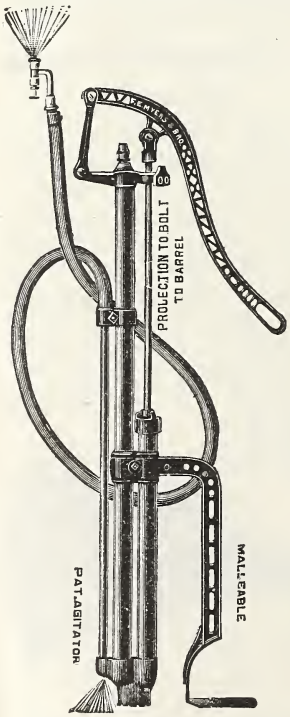
ALUMINIZED

The Lowell Fountain Compressed Air Sprayer is well adapted for the fruit-grower, farmer, stockman, poultryman, florist, and for use of general disinfectants.

The Air Compressor or Pump has a brass cylinder which is placed outside of the tank and is detachable. It screws into a cast brass seat which contains a one-half inch ball check valve, also detachable. In operation the piston, which has a 12-inch stroke, forces the air through the check valve and air tube into the tank.

The air tube is fitted with needle-point shut-off cock, which both prevents any back pressure after pumping up, or any moisture reaching the working parts of the pump. No other sprayer has this important feature.

Price, **No. 110**—Galvanized steel $5.00
Price, **No. 111**—Brass 7.00



Myers Improved Brass Barrel Spray Pump

Cylinder, Valves, Valve Seats and Discharge All Brass.

All Working Parts Submerged in Liquid, Hence No Priming Necessary.

It has all the advantages of the ordinary barrel pump and bucket pump combined, and is sold at a moderate price. Has one-half more air chamber than any other make of bucket pump. Is made of brass with ball valves; handle and foot rest are malleable iron.

The work is all done on the down stroke of the handle, and it can be operated with one-third the power required for any other old style bucket spray pump.

It is no experiment.

When used as a barrel pump detach the foot rest and attach pump to top of barrel.

Fig. 632. Myers Lever Bucket Spray Pump, with agitator, complete with hose and graduating Vermorel fine, coarse spray and solid stream nozzle.

Price, $4.00. Eight-foot Extension Rod 45c extra.

The "SUCCESS" Bucket Sprayer

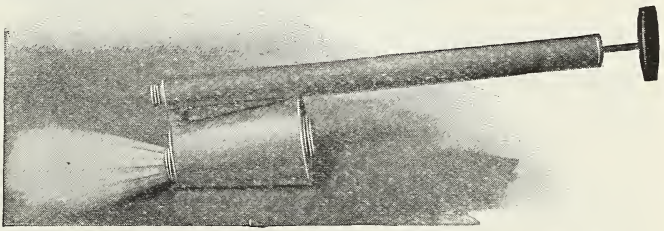
A very effective pump for general use in the garden, greenhouse and small orchard. The brass air chamber compels a constant stream, the operator being enabled to pause between each stroke, as rapid pumping is not necessary. All parts coming in contact with the liquid are of brass.

The "Success" Spray Pump is excellent for white-washing and disinfecting stables and poultry houses; also for washing windows and buggies, for putting out fires and for various other services, in addition to the regular work of spraying.

The pump is regularly fitted with our "Bordeaux" nozzle and three feet of ⅜-inch hose.

Price, ready for bucket.....$5.00

THE LOWELL BLOW POWDER SPRAYER



Some prefer to use Paris Green, Slug Shot or other disinfectants in powder form mixed with dry plaster or Bordeaux mixture with lime. To meet this demand the Lowell Blow Powder Sprayer is especially constructed, and is, without exception, the most popular machine on the market. The powder can holds one quart and the sprayer has an aluminized finish.

Price, 75c.

PRATT'S "SCALECIDE"

THE TREE SAVER—KILLS SAN JOSE SCALE.

"Scalecide" should be used when the trees are dormant or not growing. The best time is in the fall as soon as the leaves are off the trees, for the scale is in its least resistant condition and therefore more successfully attacked. The old and gravid scale will die before breeding season the next year. The scale gets in its most destructive work in the winter, as many trees apparently healthy in the fall are dead when spraying time comes in the spring if unsprayed.

Prices of "Scalecide."

F. O. B. St. Louis, Mo. Express or freight from St. Louis to destination at purchaser's expense.

50-gallon barrels, 50 cts. per gal...$25.00	5-gallon jacketed cans $3.25
30-gallon ½ barrels ($1.00 extra).. 16.00	1-gallon cans 1.00
10-gallon jacketed cans 6.00	1-quart cans ..... .40

One gallon makes 16 to 20 gallons of spray. Send for Circular if interested.

CRYS-CO GRIT AND SHELL PRODUCER

WHAT IT IS USED FOR.

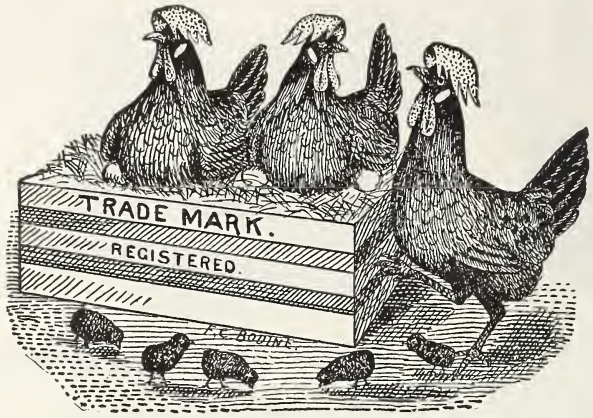
Containing 99% pure lime carbonate, it makes hard egg shells, bone and feathers when fed to chickens. The hardness of the egg shell not alone prevents less loss by breakage, but the eggs also keep better. The fine Crys-co is excellent for pigeons. The 1% of hard flinty matter grinds the food so necessary for the chickens' digestion. What the hen picks up in Crys-co must come out again in eggs.

Price, 5 lbs. 15c.; 10 lbs. 25c.; 100 lbs. $1.00.

POULTRY SUPPLIES.

DR. HESS' POULTRY PAN-A-CE-A.

It Cures Diseases and Makes Hens Lay.



Cures Gapes, Cholera, Roup, and Make Hens Lay.

What is a Pan-a-ce-a? Webster defines it as a "universal remedy for diseases." Pan-a-ce-a is an excellent remedy to cure Gapes, Cholera and Roup, after they are established in the flock It is an egg producer.

Per 1½-lb. package .....25c.
Per 5 -lb. package .....60c.

Dr. Hess' Stock Tonic. The best in the market. 2½-lb. package, 25c; 7-lb. package, 50c; 12-lb. sack, 75c; 25-lb. sack, $1.45; 50-lb. sack, $2.85; 100-lb. sack, $5.00.

Dr. Hess' Instant Louse Killer. Pound can, 25c; 3-pound can, 60c.

Chicken Stoneware Drinking Fountains. Half-gallon, 25c; 1-gallon, 35c, each.

Nest Eggs—China. Each, 10c, 6 for 25c; 1 dozen, 50c.

Alfalfa Clover Meal. To be fed with a mash feed. Per 100 lbs., $2.50.

Ground Beef Scraps. Excellent for young chicks or laying hens. 10 lbs., 40c; 100 lbs., $3.50.

Charcoal, Granulated. For chicks or poultry. 6 lbs., 25c; 50 lbs., $1.75.

Chamberlain's Perfect Chick Food.

The best feed for young chicks. 25 lbs., $1.00; 100 lbs., $2.50.

Chamberlain's Hen Food. Nothing better. 25 lbs., 75c; 100 lbs., $2.25.

Keystone Chick Feed. 25 lbs., 75c; 100 lbs., $2.00.

Keystone Hen Food. 25 lbs., 75c; 100 lbs., $2.00.

Mica Crystal Chicken Grit. This is a crushed granite, necessary for digestion. Coarse or fine, 10 lbs., 25c; 25 lbs., 50c; 100 lbs., $1.00.

Crushed Oyster Shells. Of good value to all poultry; prepared from good, clean shells. 10 lbs., 25c; 25 lbs., 40c; 50 lbs., 65c; 100 lbs., $1.00; 1,000 lbs., $7.50.

Ground Beef Bone. Pure, strong and free from acids or chemicals. Especially prepared for chickens; sometimes used for cattle. Coarse or fine. 10 lbs., 35c; 25 lbs., 85c; 100 lbs., $3.00.

INCUBATOR AND BROODER

Chamberlain's Perfect Setting Hen Incubator and Brooder

This incubator gets the name of "Perfect Setting Hen" because of its appearance. The cut shows the incubator as it looks when the machine is in operation. It is made of metal, therefore is fireproof. It takes up but little space, not as much as is required for a living setting hen. It holds 26 hen's eggs and is simple and easy to operate. The advantage of having a hen to set whenever wanted is realized in this incubator, as it can be set at any time of the year in any climate. It fulfills a long needed want of the small poultry raiser and the fancier alike.

A CHILD CAN OPERATE.

The incubator is easy to operate because it is small and can be placed anywhere in the house and all parts requiring daily attention are easy to get to. Any child can operate this machine successfully. Hatching chicks with this incubator, the same as with any other, depends upon fertile eggs to begin with and the care and attention given it. This machine will do just as good work as brood hens.

A PROFITABLE PASTIME.

For persons who do not care to operate a larger incubator, but who wish to raise a small number of chickens, this machine is one that will fill their want. It takes so little time to care for it with but little cost for oil that it is a pleasure which can be made profitable. A number of early hatched chicks are fully appreciated later in the spring. Ladies who are interested in raising chickens will fully appreciate the value of a small incubator of this kind.

AN EDUCATOR.

This is a very good investment for the younger children. It teaches them about hatching and raising chickens and is a good study for the younger minds. With but little explanation almost any child can operate it successfully, and if they are interested in this work it will develop them into the business on a larger scale.

It is the machine that has been needed by the fancier for setting especially selected eggs when new blood from specially mated birds is desired.

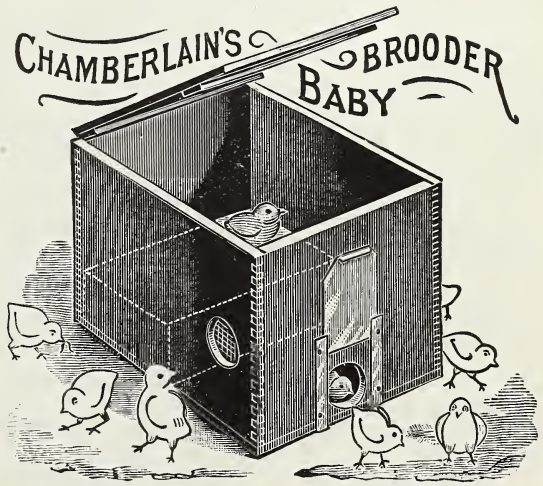
BROODER.

The shipping case is arranged so that it can be used as an indoor brooder and will house a full hatch for six weeks.

All parts of the incubator and brooder are easy to get to and can be cleaned with ease.

The Incubator and Brooder are sold complete for $5.75.

Freight prepaid east of Rocky Mountains.



Sudan Grass.

SUDAN GRASS, which is one of the sorghums, is very similar in growth to Johnson Grass, but differs from the latter in that it is entirely free from the persistent underground root system which makes a Johnson Grass sod so difficult to eradicate. Sudan Grass, being an annual and having fiberous roots similar to wheat, or oats, is as easily controlled and eradicated as millet at the close of the growing season.

This grass is even more thrifty in growing than Johnson grass, reaching from 4 to 7 feet in height, producing medium small stems and an abundance of broad linear leaves. The color of the plant is a shade paler, and is more palatable than any other sorghum hay. One plant produces from 10 to 25 culms.

While Sudan will grow in almost any soil or climate, it is especially adapted to the **arid and semi-arid regions of the Southwest.** Planting for hay should be done broadcast, using about 8 pounds of seed to the acre, or if grown for seed purposes the rate should be 3½ pounds, in rows 3½ feet apart and intertilled as cotton and corn. Planting time is usually during April.

The yield of Sudan hay is from 8 to 12 tons to the acre and the quantity of seed when grown for the latter purpose under normal conditions, is from 25 to 30 bushels. Price, 75c per pound, postpaid; per 100 lbs., $50.

Miscellaneous Farm Grains

On account of market fluctuations we cannot give prices on the following Seed Grain, etc. Will be pleased to submit samples when you state quantities wanted.

SEED OATS

White Seed Oats Black Seed Oats Mixed Seed Oats

TEXAS RUSTPROOF OATS. The seed of this oats has a reddish cast and is very heavy. It is the only kind which will not rust in the Southern climate. Can be sown as early as October and should be pastured down as soon as they commence to joint until February. These Oats have a tendency to stool and do not require as much per acre as common Oats. Price on application.

WINTER TURF OATS. This is a winter variety and should be sown early in fall. It has been tried in nearly all sections of this country and has given satisfactory results. They are said to be as hardy as winter wheat and to largely outyield spring oats. New crop ready in August. Price upon application.

SEED WHEAT

In the fall season we handle the following varieties: **FULTZ, FULCASTER** and other varieties. Prices upon application.

SEED BARLEY

Price on application.

SEED RYE

Sown in the fall as late as the ground can be worked for pasturage; also sown in poultry yards. Price on application.

POP CORN---WHITE RICE

White Variety. Ears 4 to 5 inches long. Kernel pointed; the most popular variety used for popping. Pound, 15c; 10 pounds, $1.00; if by mail, 10c per pound extra.

FLAX SEED

Largely grown in this State for seed. Sow one-half to three-fourths bushel to the acre. Can furnish choice recleaned. Market price.

FERTILIZERS.

The "Anchor Brand Bone Fertilizers" have now been before the public forty years and their record as crop producers has never been surpassed by any other brands. Their reputation is now established throughout the Ohio and Mississippi Valley States. Every intelligent farmer has heard of "Anchor Brands," and almost everyone has used them and knows their remarkable crop producing values as compared with other brands. The "Anchor Brands" are made to give results. Many others seem to be made only to secure State chemist's valuations. Being composed of an organic matter. Anchor Brand Fertilizers supply humus to the soil—the value of which is known to every farmer.

Directions for Using "Anchor Brand" Fertilizers.

WHEAT.

Use at the rate of from 100 to 250 pounds per acre.

CORN.

Apply from 100 to 300 pounds per acre. If planted in the hill, use about a tablespoonful in each hill, mixing it with the soil.

POTATOES.

Before the crop is planted distribute about 200 pounds per acre, broadcast or in hill, and mix thoroughly. Or apply about 200 to 300 pounds in the drills at the time of planting.

CLOVER AND TIMOTHY.

Before seeding apply 100 to 300 pounds per acre.

COTTON.

Use about 200 to 400 pounds per acre in furrows.

Price List of the "Anchor Brands".

"Anchor Brand" Raw Bone Meal. Per 100 lbs., $2.00; per ton, $36.00.

"Anchor Brand" St. Louis Bone Meal. Per 100 lbs., $2.00; per ton, $32.00.

"Anchor Brand" Complete Fertilizer. Per 100 lbs., $1.75; per ton, $26.00.

"Anchor Brand" Special Corn Grower. Per 100 lbs., $1.75; per ton, $27.00.

"Anchor Brand" Bone and Potash. Per 100 lbs., $1.50; per ton, $25.00.

"Anchor Brand" Special Wheat Grower. Per 100 lbs., $1.75; per ton, $27.00.

"Anchor Brand" Acid Phosphate. Per 100 lbs., $1.50; per ton, $20.00.

"Anchor Brand" Tobacco Dust. (Fertilizer and insecticide.) Per 100 lbs., $2.00; per ton, $30.00.

Special Truck Growers. Per 100 lbs., $2.00; per ton, $36.00.

PURE PULVERIZED SHEEP MANURE.

A pure natural manure, and most nutritious for plants. Its effect is immediate and lasting. Excellent for mixing with the soil or greenhouse plants (one part manure and six parts soil). Strewn over and dug into the vegetable garden, or placed directly in drills, or hills, it promotes a rapid, steady growth until maturity. It makes rich, safe and quick liquid manure; one pound to 5 gallons of water can be used daily, if necessary, with safety. 5-lb. bags, 25c; 10-lb. bags, 35c; 25-lb. bags, 75c; 50-lb. bags, $1.10; 100-lb. bags, $2.00; per ton, $25.00.

WALKER'S FLOWER AND PLANT FOOD. A most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless, and takes the place of liquid manure. Drives insects out of the soil. Small packages, containing food for twenty plants for three months, 15c; 3 for 40c; if by mail, add 5 cents per package. Large packages, containing sufficient plant food for one year, 25c; 3 for 65c; if by mail, add 15 cents per package. Each package contains full directions.

How to Make a Hot Bed.

In order to secure an early supply of vegetables, a hot-bed frame is indispensable. It can be constructed by any man, at a very small cost. It consists of a wooden frame generally six feet wide and from six to sixteen feet long, according to the supply of early vegetables required; one side to be at least six inches higher than the other; the frame to be subdivided by cross-bars, and each division covered by a glazed sash. After completion, place it on the manure bed, prepared in the following manner. The frame should face the south or southeast; fill in about ten inches of rich pulverized soil, and allow it to stand a few days, giving it air by slightly raising the sash, so that the steam may escape. The seeds of Cabbage, Cauliflower, Egg Plant, Pepper, Tomato and many other varieties may be sown and the plants planted out as soon as the weather becomes warm.

PREPARING MANURE FOR HOT-BEDS. Fresh stable manure only not exceeding six weeks old, is suitable for this purpose. Turn it over into a compact heap, protected from heavy rain or snow; allow it to remain so for about eight days, when it should be made up into the requisite form to suit the frame. Where the ground is quite dry, a very good method is to dig a space about eighteen inches deep and put the manure therein; tramp it firmly and evenly; place thereon the frame and sash; put in the rich earth, and in about four days sow the seed, having previously stirred the earth freely, to destroy any seeds or weeds therein.

IN ORDER TO HAVE A

Perfect and Enduring Lawn

OF CLOSE, FIRM, ELASTIC TURF, USE

The above Lawn Grass has given universal satisfaction the past two seasons and we can safely recommend Forest Park Lawn Grass. To secure a perfect and enduring lawn of close, elastic turf, sow at the rate of 30 to 40 lbs. per acre. One pound sufficient for a space 20x15 feet or 300 square feet.

	1-lb.	3-lb.	7-lb.	14-lb.
Forest Park Lawn Grass	$0.30	$0.75	$1.50	$3.00
English Lawn Grass (our old standard variety)	.25	.75	1.00	2.00
Kentucky Blue Grass	.25	.75	1.00	2.00
			8-lb.	
Canadian Blue Grass	.20	.50	$1.00	1.75
English Rye Grass	.15	.40	1.00	1.75
				5-lb.
White Clover	.60	.....	.....	$2.50

IF INTERESTED IN A PRETTY LAWN ASK FOR OUR PAMPHLET

"Your Lawn and How to Keep It"

For an excellent top dressing for lawns use our

Pulverized Sheep Manure

5 lbs, 25c; 25 lbs., 85c; 50 lbs., $1.25; 100 lbs., $2.00.

LAWN FERTILIZER. This is a convenient lawn dressing, to be applied in spring or fall at the rate of 150 to 200 pounds to the acre, or 10 pounds to 300 square feet. It will produce a luxuriant growth of grass. 10 lbs., 40c; 22 lbs., 75c; 100 lbs., $2.50.

TO SUCCESSFULLY GROW

ALFALFA, CLOVERS, COW PEAS, SOY BEANS, VETCHES, AND OTHER LEGUMES,

to increase the yield, and to improve the soil, use

The Mulford Nitro-Germ

Scientifically Prepared and Tested

Small Cost---Large Returns---Easy to Use---No Labor Expense

Uninoculated ALFALFA Inoculated

Planted September, 1912—Photographed (same scale) April, 1913. Plant on left not inoculated—Plant on right inoculated with **The Mulford Nitro-Germ.** All other conditions identical.

THE CONTRAST SPEAKS FOR ITSELF.

THE MULFORD NITRO-GERM consists of pure, tested cultures of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase the yield.

THE MULFORD NITRO-GERM is prepared and tested by experts, in the biological laboratories of H. K. Mulford Co., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world.

Be sure to always specify the particular legume for which **The Mulford Nitro-Germ** is desired, otherwise we will not know how to fill your order.

Alfalfa (Lucerne)	Burr Clover	**Spring Vetch**	**Garden Beans**
Crimson Clover	Yellow Clover	**Winter Vetch**	**Lima Beans**
Sweet Clover	Berseem Clover	Horse Beans	Lupins
White Clover	**Cow Peas**	Velvet Beans	Sainfoin
Red Clover	**Soy Beans**	Perennial Peas	Beggar Weed
Alsike Clover	**Canada Field Peas**	**Sweet Peas**	and others.
Mammoth Clover	**Peanuts**	**Garden Peas**	

Those printed in **bold face** can be shipped immediately from stock. The others will be prepared to order and can be supplied in a few days.

Prices.

The Mulford Nitro-Germ is supplied for the varieties of legumes indicated, at the following prices:

Garden Size (about ¼ acre)..$0.50 One-Acre Size..$1.50 Five-Acre Size..$5.00
(Not returnable.)

Special prices on lots of 25 acres or more on one order, either of one kind or assorted.

Why buy expensive commercial nitrates when you can grow legume crops and thus increase the yield and at the same time replace the nitrates, enrich and renovate the soil by nature's own method.

Success with Alfalfa and Clover

Cow Peas, Soy Beans, Vetch

Field Peas and Beans, Garden Peas and Beans, and all other legumes.

A good "catch" and a big stand, of greatest feeding value—richer soil for succeeding crops—these results follow the use of

The Improved German Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D DEC. 6, 1898 NO. 32212

PURE CULTURE

THE SIMPLEST SAFEST AND SUREST SYSTEM OF SOIL INOCULATION FOR ALL LEGUMES

"NITRAGIN" is the trade-mark name for the special germ, or bacteria, that acts on the legume root, draws nitrogen from the air and converts it into plant food. As a result there is a uniform "catch"; the crop grows quickly; it is strong, hardy and healthy—deep-rooted—rich in food-value. Meanwhile your soil is growing *richer* instead of *poorer*—your land *more valuable*.

Failure with legumes is usually due to lack of bacteria. In "NITRAGIN" Pure Culture we send you *billions* of these necessary nitrogen-gathering germs, packed in proper food to keep them alive, active and healthy.

It's *easy* to treat your seed with "NITRAGIN" Pure Culture. A boy can do it in ten minutes.

If your past experience with legume crops has been unsatisfactory it was probably because your soil lacked these vital, strength-giving germs. Some soils have only a partial supply; in other soils the germ is missing or so sickly as to be worthless. Such soils need "NITRAGIN" Pure Culture to supply an abundance of *pure*, healthy, strong, virile bacteria. This means a profitable crop and new life to the soil.

If you have been successful in growing legumes you can have *greater* success by using "NITRAGIN" Pure Culture.

A green manure crop inoculated with "NITRAGIN" Pure Culture provides a *richer* humus in *far greater volume* than does a non-inoculated legume.

Alfalfa—Inoculated with "Nitragin" **Alfalfa—Not Inoculated**

Get the Original

Look for the Armour Oval Label

This is the *original* Pure Culture—discovered by Nobbe and Hiltner, famous German bacteriologists. It has been perfected by twenty years of scientific testing, in the laboratory and on the farm. The germs come to you packed in a *granular* food—in a ventilated can—the *safe* and *satisfactory* way.

Why use imitations when you can be *sure* of *perfect* inoculation by using "NITRAGIN" Pure Culture.

The Armour Fertilizer Works guarantee "NITRAGIN" Pure Culture to retain *health and vitality* for *6 months* from date of preparation, stamped on can.

The Pure Culture system of inoculating legumes is endorsed by U. S. Government authorities, by state experiment stations, practical farmers and other agricultural experts. These men have accomplished wonders with inoculated legumes. *You* can do the same on *your* farm by using "NITRAGIN" Pure Culture.

There is a *special strain for each legume*. In ordering *be sure* to name the crop desired.

Prices per can: Garden size, $1; acre size, $2; 5-acre size, $9. F. O. B.
Express Extra. Parcel Post, 10c per acre extra.

Order "NITRAGIN" Pure Culture with your seed—from

Schisler-Corneli Seed Co.

Cow Peas Not Inoculated **Cow Peas Inoculated with "Nitragin"**

SEED TABLE

Giving Quantity Necessary to Sow

Kitchen Garden Seeding Table

Name of Variety	1 oz. produces No. plants	Seed required for 100 ft. row.	Seed required for Per Acre.
Artichoke	500		
Asparagus	500	3 oz.	4 to 5 lbs.
Asparagus Roots	....	120	8000
Beans, Dwarf	....	1 qt.	1 to 2 bu.
Beans, Pole	....	1 qt. 150 hills	10 to 12 qts.
Beans, Lima	....	50	1 qt. to 100 hills
Beet, Table	....	2 oz.	4 to 6 lbs.
Beet, Mangel Wurtzel	....	2 oz.	5 to 6 lbs.
Broccoli	2000		
Brussell Sprts	2000		
Cabbage, Early	2000		6 oz.
Cabbage, Late	2000		8 oz.
Collards	2000		
Carrot	....	1 oz.	2 lbs.
Cauliflower	2000		
Celery	3000	4 oz.	about 10000
Chicory	....	1 oz.	
Corn, Sweet	....	1 qt. 150 hills	8 to 10 qts.
Corn Salad	....	4 oz.	5 to 6 lbs.
Cress	....	1 oz.	
Cucumber	....	1 oz. 75 hills	2 to 3 lbs.
Dandelion	....	1 oz.	
Egg Plant	1500		
Endive	....	1 oz.	4 lbs.
Garlic Bulbs	....	10 oz.	
Horse Radish Roots	....	100	10 to 12000
Kale	....	1 oz.	2 lbs.
Kohl Rabbi	2000		1 lb.
Leek	1000	2 oz.	3 to 4 lbs.
Lettuce	3000	1 oz.	2 to 3 lbs.
Melde	....	1 oz.	
Melon, Musk	....	2 oz. 100 hills	2 to 3 lbs.
Melon, Water	....	4 oz. 100 hills	3 to 4 lbs.
Mushroom Spawn	....	1 lb. to bed 3x3	
Mustard	....	1 oz.	2 to 3 lbs.
Nasturtium	....	2 oz.	
Okra	....	2 oz.	6 to 8 lbs.
Onion Seed, for large onions	....	1 oz.	4 to 6 lbs.
for sets	....	4 oz.	40 to 50 lbs.
Onion Sets	....	4 qts.	8 to 10 bu.
Parsley	....	1 oz.	4 to 6 lbs.
Parsnip	....	2 oz.	4 to 5 lbs.
Peas, Garden	....	1 qt.	2 to 3 bu.
Pepper	1500		4 oz.
Potatoes, cut	....	6 lbs.	8 to 10 bu.
Potatoes, swt	....	65	8 to 10,000
Pumpkin	....	1 oz. 40 hills	4 lbs.
Radish	....	2 oz.	8 to 10 lbs.
Rhubarb	800		
Rhubarb Rts	....	33 Roots	2500
Salsify	....	2 oz.	8 lbs.
Spinach	....	2 oz.	12 to 16 lb.
Squash, Bush	....	2 oz. 100 hills	2 lbs.
Squash, Winter	....	8 oz. 100 hills	4 lbs.
Sweet Peas	....	4 oz.	
Tobacco	5000	1 oz.	
Tomato	1500	1 oz.	1800 plants
Turnip, in drills	....	2 oz.	1½ to 2 lbs.
Turnip, broadcast	....	2 oz.	2 to 3 lbs.

Table Showing Amount of Seed Necessary to an Acre and No. of Pounds to Bushel

	lbs. per bu.	Quantity to sow per acre.		
Alfalfa	60	25	to 35	lbs.
Artichokes, Jerusalem	50	6	to 8	bu.
Barley	48	2	to 2½	bu.
Beans:				
Castor	46	8	to 10	lbs.
Field or Navy	60	1	to 1½	bu.
Garden	60	1½	to 2	bu.
Pole	60	10	to 12	qts.
Soja	60	1	to 1½	bu.
Broom Corn	48	4	to 6	qts.
Buckwheat	52	½	to 1	bu.
Canada Field Peas	60	1½	to 2	bu.
Cane Seed, in drills	50	6	to 8	lbs.
Clover:				
Alfalfa	60	25	to 35	lbs.
Alsike	60	8	to 10	lbs.
Bokhhra—See Sweet Clover.				
Burr	25	10	to 20	lbs.
Crimson	60	12	to 15	lbs.
Japan	25	10	to 20	lbs.
Red	60	8	to 10	lbs.
Red Mammoth	60	10	to 12	lbs.
Sapling	60	8	to 10	lbs.
Sweet, hulled	60	10	to 15	lbs.
Sweet, unhulled	60	20	to 30	lbs.
White	60	6	to 8	lbs.
Corn, in hills	56	4	to 6	qts.
Corn, in drills	56		1	bu.
Corn, broadcast	56		2	bu.
Corn, Sweet		8	to 10	qts.
Corn, Pop, in drills		4	to 6	lbs.
Cow Peas	60	1	to 1½	bu.
Flax, broadcast		½	to ¾	bu.
Grass, Bermuda		2	to 3	lbs.
Grass, Blue, 1 lb. for 300 square feet.				
Grass, Blue, for Lawns		40	to 50	lbs.
Grass, Blue, for Pasture		30	to 40	lbs.
Grass, Creeping Bent		15	to 20	lbs.
Grass, English Blue	24	40	to 50	lbs.
Grass, Johnson	25	1	to 1½	bu.
Grass, Orchard	14	25	to 40	lbs.
Grass, Pasture		30	to 40	lbs.
Grass, Red Top, Solid seed	14	15	to 20	lbs.
Grass, Red Top, Chaff		30	to 40	lbs.
Grass, Rye, English	20	40	to 50	lbs.
Grass, Rye, Italian	20	30	to 40	lbs.
Grass, Sudan			8	lbs.
Hemp	44		22	lbs.
Hungarian	48	30	to 45	lbs.
Kaffir Corn, in drills	50	5	to 6	lbs.
Kaffir Corn, broadcast	50	35	to 50	lbs.
Lawn Grass		40	to 50	lbs.
Meadow Fescue		30	to 40	lbs.
Millet, German	50	25	to 35	lbs.
Oats	32	2	to 2½	bu.
Onion Sets	32	10	to 12	bu.
Peanuts, Shelled	20		1	bu.
Potatoes	60	8	to 10	bu.
Pumpkin	30	2	to 3	lbs.
Rape, Dwarf Essex, in drills	50	4	to 8	lbs.
Rape, broadcast	50	10	to 12	lbs.
Red Top		15	to 20	lbs.
Rye,	56	1	to 1½	bu.
Rye Grass	20	40	to 50	lbs.
Sorghum for Fodder	50	30	to 50	lbs.
Soja Beans	60	1	to 1½	bu.
Sudan Grass			8	lbs.
Sweet Corn		8	to 10	qts.
Sunflower about	30	4	to 6	lbs.
Timothy	45	12	to 15	lbs.
Vetches	50	30	to 50	lbs.
Wheat	60	1¼	to 1½	bu.

HAMMOND'S SLUG SHOT.

Is probably the best insect destroyer ever offered. It is invaluable for the destruction of potato bugs, cut worms, chinch bugs, rose bugs and slugs, curculio and all lice worms and caterpillars upon melons, cucumbers, grape and squash vines, tobacco, cotton, cabbage and egg plants, currants, fruit and ornamental trees, and all shrubs and flowering plants. It is not poisonous, and fruits and vegetables on which it is applied will grow and look much finer than those on which it has not been used. It comes prepared for use, and is simply dusted lightly on, so that it reaches all parts of the plant. The quantity used per acre varies from 10 to 40 pounds, according to size and number of plants. **Express or Freight Charges** always to be paid by the purchaser.

Price, 5 ibs., 35c; 10 lbs., 65c; 50 lbs., $3.00; 100 lbs., $6.00.

Cartons containing 1 lb. Slug Shot, 30 c., postpaid.

NIKOTEEN. is used either by fumigating or spraying. Is composed of that element in tobacco which gives it its value as an insecticide and nothing else. Is recommended by the UnitedStates Department of Agriculture and by all horticultural authorities as the best remedy for most of the insects that attack plants and flowers. One part of Nikoteen to six hundred parts of water is a sufficiently strong spraying solution for all insects except scale on palms. For scale, the solution may be used one part Nikoteen to four hundred parts water. Price per pint bottle, $1.50.

TOBACCO DUST. This is the leaf and refuse of tobacco manufacture, ground to a fine powder and a specific for aphis, fleas, beetles, etc. It is also a good fertilizer and preventative for insects in the ground and about roots.

Price, per bl., 10c; 5 lbs., 25c; 100 lbs., $2.00.

WHALE OIL SOAP makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up.

Price, 20c per lb., 2 lbs., 35c. If you mail add 16c. per lb., for postage.

LEE'S LICE KILLER. A liquid preparation invaluable to the farmer, fancier and florist. A perfect remedy for insects on poultry, stock or house plants. Odor not offensive to fowl or attendant, but quick death to insect life.

1-qt. can 35c; ½-gal. can, 60c; 1-gal. can, $1.00; 5-gal can, $4.00.

BORDEAUX MIXTURE. Remedy for immediate use. When used in water, for most purposes, first make a paste of 10 pounds, then mix with 50 gallons of water.

1-lb., pkt., 25c; 3-lb. pkt., 50c.

ARSENATE OF LEAD. (Paste.) 1 lb., 25c; 2 lbs., 45c; 5 lbs., $1.00; 12½ lbs., $2.25.

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